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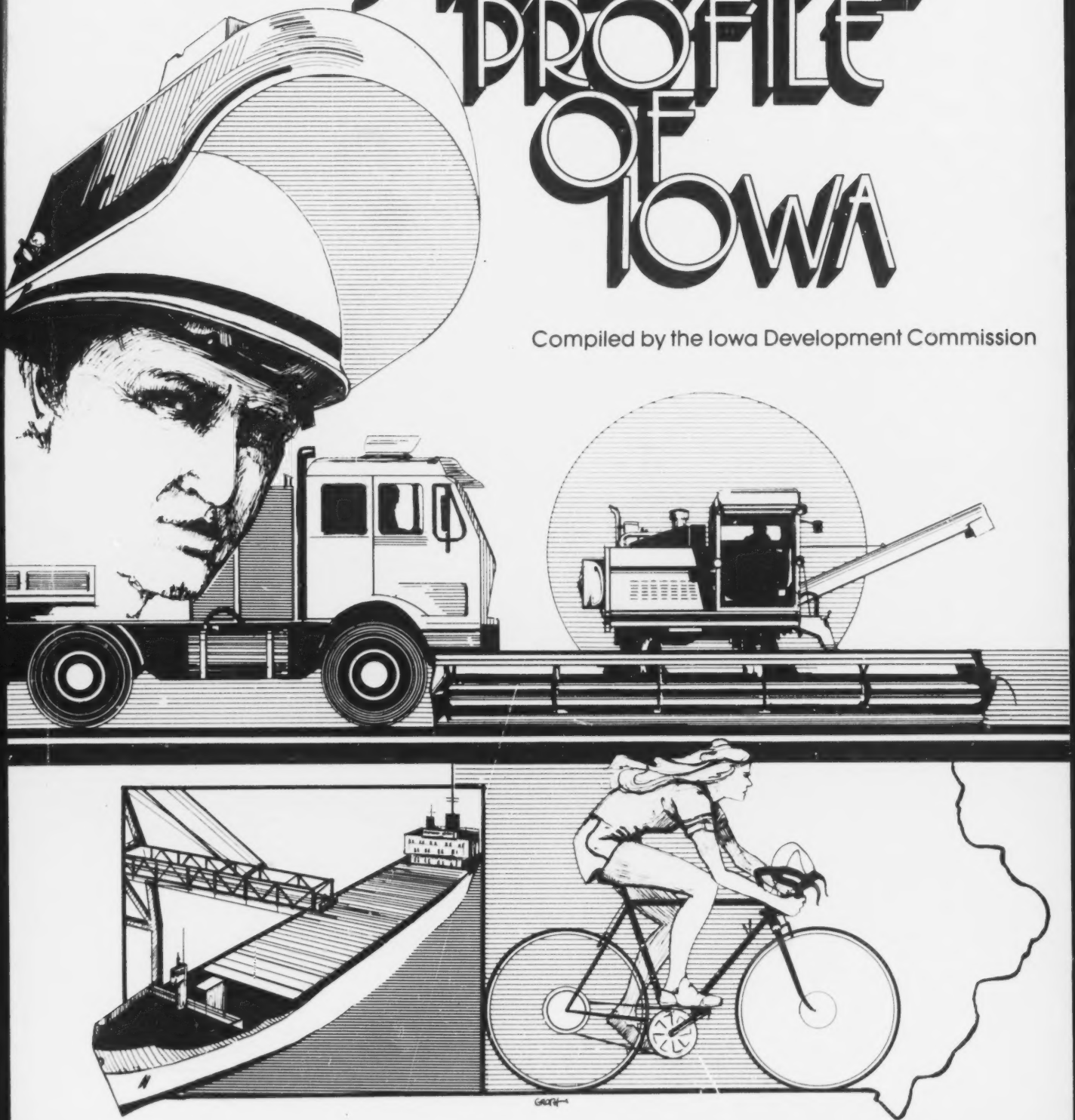
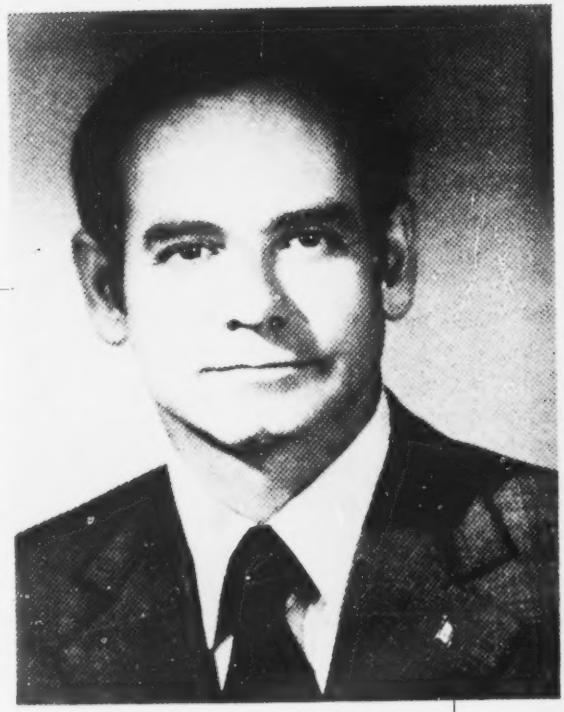
1981 STATISTICAL PROFILE OF IOWA

Compiled by the Iowa Development Commission





ROBERT D. RAY
GOVERNOR

Office of the Governor

STATE CAPITOL
DES MOINES, IOWA 50319

Dear Friends:

Your appreciation for Iowa will be greatly enhanced after reading the statistics, charts and graphs included in this Statistical Profile of Iowa.

Additional pride in Iowa will be aroused as you learn the details of our outstanding food production, tremendous industry, excellent work force, and strong educational system. These and many other accomplishments listed in this booklet will show you that Iowa truly is "A Place to Grow."

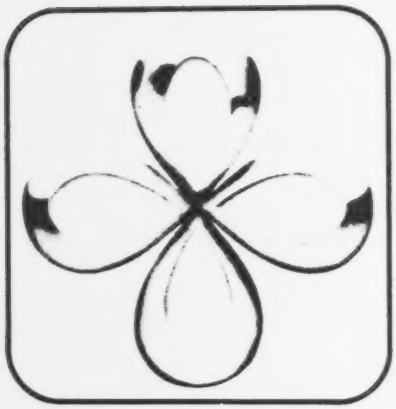
If we can offer more information or answer any questions, please let us know.

Best regards.

Sincerely,

Robert D. Ray
Governor

MAY 19 1981



Iowa

a place to grow

Prepared by
THE IOWA DEVELOPMENT COMMISSION
250 Jewett Building
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definitions

Standard Metropolitan Statistical Area: An Iowa SMSA is a county or group of contiguous counties which contains at least one city of at least 50,000 inhabitants or "twin cities" with a combined population of at least 50,000. Contiguous counties are included in an SMSA if, according to certain Census Bureau criteria, they are essentially metropolitan in character and are socially and economically integrated with the central city.

Cedar Rapids (Linn County)

Davenport-Rock Island-Moline, Iowa-Illinois
(Scott County, Iowa; Henry County, Illinois; Rock Island County, Illinois)

Des Moines (Polk County prior to release of 1972 Census information, beginning with 1972 Census information Warren County is included as part of the Des Moines SMSA)

Dubuque (Dubuque County)

Iowa City (Johnson County)

Omaha, Nebraska-Iowa
(Douglas County, Nebraska; Sarpy County, Nebraska; Pottawattamie County, Iowa)

Sioux City, Iowa-Nebraska
(Woodbury County, Iowa; Dakota County, Nebraska)

Waterloo (Black Hawk County)

Urbanized Area: An urbanized area consists of a central city, or cities, including the closely surrounding settled territory that is urban in character, but excluding the rural portions of extended cities. Criteria for an urbanized area is as follows: a central city or cities of 50,000 or more inhabitants, incorporated places of 2,500 inhabitants, provided that the place has a closely settled area of 100 or more housing units, small areas of land having a density of 1,000 or more inhabitants per square mile, and certain other similar small areas.

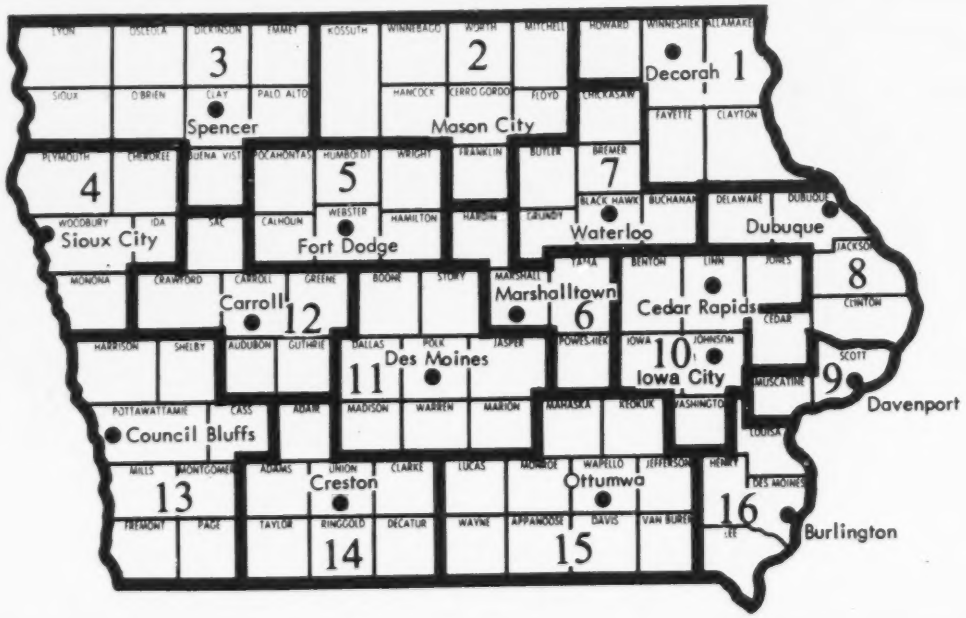
The definition of Urban Population was changed in 1950; therefore, data for Urban and Rural Population after 1950 is not strictly comparable to earlier years. Current urban population comprises all persons living in urbanized areas and in places of 2,500 inhabitants outside of urbanized areas. Rural population is all population not classifed as urban.

Incorporated Place: A political unit incorporated as a city, town, borough, or village usually recognized as a thickly settled center of population. Population changes may reflect annexations or detachments as well as the changes in number of inhabitants.

Unincorporated Places: A delineated boundary for closely settled population centers without corporate limits. A place having the same name in 1970 as in previous periods may not necessarily have the same boundary.

The Midwest: A regional area encompassing Iowa, Minnesota, South Dakota, Nebraska, Kansas, Missouri, Illinois and Wisconsin.

Iowa's 16 multi-county program planning areas.



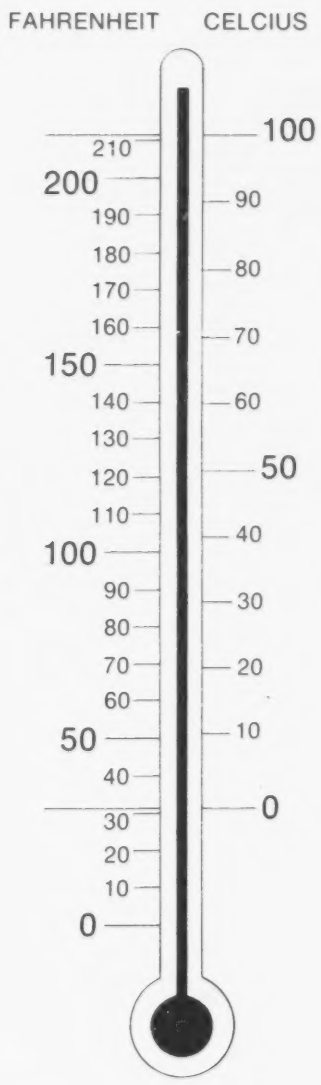
metric conversion table

In the metric system, temperature is measured in degrees Celsius. Water freezes at 0 degrees Celsius and boils at 100 degrees Celsius.

If the temperature outside were 20 degrees Fahrenheit, you'd need to wear a heavy winter coat, but 20 degrees Celsius is good corn planting weather. Normal body temperature is 37 degrees Celsius or 98.6 degrees Fahrenheit.

Degrees Celsius = $5/9 \times$ (Degrees Fahrenheit $-$ 32)

Degrees Fahrenheit = $9/5 \times C^{\circ} + 32$



Length

to Metric	from Metric
1 inch = 2.54 centimeters	1 millimeter = 0.039 inch
1 foot = 0.3048 meter	1 centimeter = 0.3937 inch
1 yard = 0.9144 meter	1 meter = 3.281 feet
1 mile = 1.6093 kilometers	1 kilometer = 0.6214 mile

Weight

1 ounce = 28.35 grams	1 gram = 0.0353 ounce
1 pound = 0.4536 kilogram	1 kilogram = 2.205 pounds
1 short ton = 0.9072 metric ton	1 metric ton = 1.1023 short tons

Volume

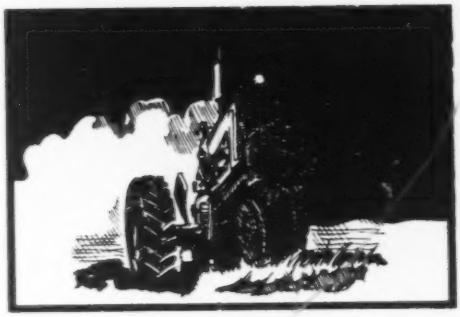
1 cubic inch = 16.39 milliliters	1 milliliter = 0.06 cubic inch
1 quart = 0.9463 liter	1 liter = 1.0567 quarts
1 gallon = 3.785 liters	1 cubic meter = 1.308 cubic yards
1 cubic yard = 0.7646 cubic meter	1 hectare = 2.47 acres
1 acre = 0.405 hectare	

In other words:

- *the length of an average kernel of field corn is approximately 1 centimeter.
- *the diameter of the wire in a paper clip is approximately 1 millimeter.
- *when you're traveling 55 mph, you're also traveling at 88 kilometers/h.
- *three kernels of corn equal 1 gram (454 grams equal 1 pound).
- *a 1,100 pound steer equals a 500 kilogram steer.
- *a 220 pound market hog also weighs 100 kilograms.
- *approximately 40 bushels of corn are equal to 1 metric ton.
- *a yield of 159 bushels of corn per acre is equal to a yield of 10 metric tons per hectare.

economic development

Iowa farming outproduces the rest



Iowa farmers produced more than $9 billion in crops and livestock in 1979—about one-fourth of America's port and 12% of the nation's grain-fed beef.

Iowa ranked first in soybean production (323 million bushels) and first in corn production (1.46 billion bushels) in 1980. In addition, Iowa had the highest value of agricultural land and buildings ($70 billion) in the nation in 1980.

Iowa is truly the heartland of American agriculture.

the U.S. would look like this if states were sized according to value of farm production

Source: "The Farm Index," Apr. 1975, U.S.D.A.

realized gross and net income from farming, Iowa (millions)

Year	Cash Receipts From Farm Marketings	Realized Gross Income: Government Payments	Realized Gross Income: Non-money Income	Realized Gross Income: Other Farm Income	Realized Gross Farm Income	Farm Production Expenses	Realized Net Farm Income	Net Change In Farm Inventories	Total Net Farm Income
1960	$2,480.8	$ 20.8	$132.3	$11.8	$2,645.6	$1,943.4	$ 702.2	−89.8	612.4
1965	3,061.1	228.8	150.4	21.1	3,461.5	2,462.1	999.4	87.0	1,086.4
1966	3,475.5	210.0	162.8	23.7	3,872.0	2,836.8	1,035.2	125.0	1,160.2
1967	3,467.9	142.8	169.7	28.8	3,809.3	2,937.3	872.0	41.6	913.6
1968	3,451.5	246.3	177.9	32.3	3,907.9	3,086.9	821.0	38.8	859.8
1969	3,872.1	260.4	190.0	36.0	4,358.4	3,217.7	1,140.7	−46.6	1,094.1
1970	4,139.8	235.8	188.6	34.7	4,599.0	3,464.0	1,135.0	−84.4	1,050.6
1971	3,972.1	203.5	196.0	41.3	4,412.8	3,627.0	785.9	35.6	821.4
1972	4,730.8	318.5	210.0	42.4	5,301.8	4,195.2	1,106.6	136.2	1,242.8
1973	6,989.8	186.2	234.7	52.4	7,463.1	5,112.8	2,350.8	300.1	2,650.4
1974	7,456.5	16.6	285.0	64.0	7,822.2	5,508.8	2,313.4	864.9	1,448.5
1975	6,494.5	53.1	336.1	80.6	6,964.3	5,923.8	1,040.5	591.2	1,631.7
1976r	7,090.8		407.2	88.7	7,613.5	6,544.0	1,069.5		883.1
1977r	6,886.2		561.8	102.2	7,579.1	7,013.1	566.0	424.9	990.9
1978	8,227.7	271.0	574.9	111.3	9,184.9	7,755.6	1,429.3	478.3	1,907.6
1979	9,464.9	69.2	665.8	138.7	10,338.5	9,307.6	1,030.9	94.9	1,125.8

r Revised figures.
Source: State Farm Income Statistics, U.S.D.A., Economic Statistical Services, February, 1981.

population, number, average size, and ownership, Iowa farms[1]

Year	Population on Farms	Number of Farms	Average Size (Acres)	Total Land in Farms (1,000 Acres)	Owned by Operator % of Total	Rented by Operator % of Total
1960	667,823	183,000	190	34,700	50.8	49.2
1965	592,378	158,000	219	34,600	51.3	48.7
1970	520,131	145,000	237	34,400	52.8	47.2
1972	N/A	141,000	243	34,300	N/A	N/A
1973	424,863	139,000	247	34,300	N/A	N/A
1974	N/A	138,000	249	34,300	52.2	47.8
1975	N/A	130,000	262	34,100	N/A	N/A
1976	N/A	127,000	269	34,100	N/A	N/A
1977	N/A	125,000	273	34,100	N/A	N/A
1978	N/A	123,000	276	34,000	N/A	N/A
1979	N/A	121,000	281	34,000	N/A	N/A
1980	N/A	119,000	286	34,000	N/A	N/A

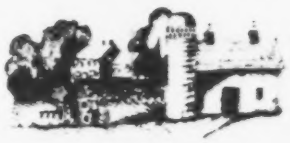
[1]A farm is defined as a place with annual receipts of $1,000 or more of agricultural products.
Source: Iowa Crop and Livestock Reporting Service, U.S.D.A.

annual average wage rates[1] for selected farm workers, midwest 1979

	Field Workers	Livestock Workers	Field & Livestock Workers Combined	All Hired Farm Workers
IOWA	$3.15	$3.10	$3.13	$3.28
Minnesota	3.15	2.75	2.95	3.31
South Dakota	2.77	2.48	2.63	2.78
Nebraska	3.04	3.08	3.06	3.29
Kansas	3.57	3.34	3.46	3.61
Missouri	2.84	2.98	2.91	3.08
Illinois	3.05	3.17	3.11	3.40
Wisconsin	2.72	2.55	2.64	2.77
Indiana	2.96	3.03	3.00	3.31
Ohio	3.37	3.24	3.31	3.51
U.S.	3.26	2.96	3.11	3.39

[1]Dollars per hour.
Source: Farm Labor, February, 1980, Crop Reporting Board, ESCS, USDA.

ten leading states, selected agricultural items 1979



Item	Rank										Iowa % of U.S.
	1	2	3	4	5	6	7	8	9	10	
Number of farms[1] — 1980	Texas	IOWA	Mo.	Ill.	Minn.	N.C.	Ohio	Ky.	Wis.	Tenn.	
Value of farm real estate — 1980	N.J.	Conn.	R.I.	MD	Del.	Ill.	Ind.	Ohio	IOWA	Calif.	
Crops — 1979											
Total acreage of principal crops harvested[2]	IOWA	Ill.	Tex.	Minn.	Kans.	N.D.	Neb.	S.D.	Mo.	Ind.	7
Corn for grain	IOWA	Ill.	Neb.	Ind.	Minn.	Ohio	Wis.	Mich.	Mo.	S.D.	21
Corn for silage	IOWA	Wis.	Minn.	N.Y.	Pa.	Neb.	Mich.	Colo.	S.D.	Cal.	10
White corn	Ky.	Tex.	Tenn.	IOWA	Mo.	Kans.	Ill.	Ind.	Ala.	Ga.	10
Popcorn	Neb.	Ind.	Ill.	Ohio	IOWA	Ky.	Mich.	Kans.	Mo.	—	8
Soybeans for beans	Ill.	IOWA	Mo.	Minn.	Ind.	Ohio	Ark.	Miss.	La.	Tenn.	14
Oats	S.D.	Minn.	IOWA	Wis.	N.D.	Ohio	Neb.	Pa.	N.Y.	Tex.	12
Alfalfa hay and mixtures	Wis.	Minn.	IOWA	Cal.	S.D.	Neb.	N.D.	Ida.	Kans.	Mich.	8
All hay	Wis.	Minn.	IOWA	S.D.	Neb.	Cal.	Mo.	N.D.	Kans.	N.Y.	6
Livestock Inventory January 1, 1979											
All cattle and calves	Tex.	IOWA	Neb.	Kans.	Mo.	Okla.	Cal.	Wis.	S.D.	Minn.	7
Milk cows	Wis.	N.Y.	Cal.	Minn.	Pa.	Mich.	Ohio	IOWA	Texas	Mo.	3
Beef cows	Tex.	Mo.	Okla.	Neb.	Kans.	IOWA	Mont.	S.D.	Fla.	Ky.	5
Cattle and calves on feed	Tex.	Neb.	IOWA	Kans.	Colo.	Cal.	Ill.	S.D.	Ariz.	Minn.	12
All hogs — December 1, 1978	IOWA	Ill.	Ind.	'	'	Neb.	N.C.	Kan.	Ohio	Ga.	25
Turkey breeder hens — December 1978	Minn.	Cal.	N.C.	Tex.	Mo.	Va.	Ohio	IOWA	Wis.	Ore.	3
Livestock Production in 1978											
Cattle and calf production	Tex.	Neb.	IOWA	Kans.	Okla.	Mo.	Colo.	S.D.	Cal.	Minn.	7
Fed cattle marketed	Tex.	Neb.	Kans.	IOWA	Colo.	Cal.	Okla.	Mo.	S.D.	Minn.	8
Hog production	IOWA	Ill.	Minn.	Ind.	Mo.	Neb.	N.C.	Kans.	Ohio	S.D.	24
Turkey production	Minn.	N.C.	Cal.	Ark.	Mo.	Va.	Tex.	IOWA	Wis.	Ind.	4
Calf crop	Tex.	Mo.	Okla.	Wis.	IOWA	Neb.	S.D.	Kans.	Cal.	Mont.	5
Pig crop	IOWA	Ill.	Minn.	Mo.	Ind.	Neb.	N.C.	Ohio	S.D.	Kans.	23
Lamb crop	Tex.	Cal.	S.D.	Wyo.	Colo.	Ida.	Utah	N.M.	Mont.	Oreg.	3
Chickens raised	Ga.	Cal.	Ark.	Ala.	Pa.	Ind.	N.C.	Fla.	Tex.	Minn.	3
Turkeys raised	Minn.	N.C.	Cal.	Ark.	Mo.	Va.	Tex.	IOWA	Wis.	Ind.	5
Commercial cattle slaughter	Neb.	Tex.	IOWA	Kans.	Colo.	Cal.	Ill.	Wis.	Minn.	Pa.	10
Commercial hog slaughter	IOWA	Ill.	Minn.	Mich.	Ohio	Neb.	S.D.	Mo.	Pa.	Ind.	26
Commercial sheep slaughter	Colo.	Tex.	Cal.	S.D.	Minn.	Ill.	Mich.	Wash.	IOWA	Pa.	5
Mink production	Wis.	Minn.	Utah	Ill.	Wash.	Oreg.	Idaho	Pa.	Ohio	IOWA	3
Milk production	Wis.	Cal.	N.Y.	Minn.	Pa.	Mich.	Ohio	IOWA	Tex.	Wash.	3
Creamery butter	Wis.	Minn.	Cal.	Pa.	N.Y.	Wash.	Mich.	Ohio	Mo.	IOWA	3
American cheese	Wis.	Minn.	IOWA	N.Y.	Ida.	S.D.	Neb.	N.D.	Ky.	Utah	4
Total cheese[4]	Wis.	Minn.	N.Y.	IOWA	Cal.	Idaho	Ill.	Ohio	Pa.	Mo.	5
Cash Receipts for 1979											
Crops	Cal.	Ill.	Tex.	IOWA	Fla.	Minn.	Ind.	Ohio	Neb.	N.C.	
Livestock and livestock products	IOWA	Tex.	Cal.	Neb.	Wis.	Kans.	Minn.	Colo.	Mo.	Ill.	
Total	Cal.	IOWA	Tex.	Ill.	Kans.	Neb.	Minn.	Wis.	Mo.	Ind.	

[1]New definition — farms w/annual sales of agricultural products of $1,000 or more.
[2]Crop acreages included are corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flax seed, peanuts, popcorn, cotton, all hay, dry beans, potatoes, sweet potatoes, tobacco, sugar cane and sugar beets.
[3]Tie betweeen Minnesota and Missouri.
[4]Excludes cottage cheese.
[5]Excludes government payments.
Source: Iowa Crop and Livestock Reporting Service.

net income[1] per farm[2], midwest (dollars)

STATE	1960	1965	1970	1975	1976	1977	1978	1979
IOWA	$3,347	$6,896	$7,434	$11,998	$ 6,644	$5,769	$11,166	$ 9,304
Minnesota	2,918	4,124	6,772	9,186	5,332	9,563	12,930	11,471
South Dakota	4,668	5,600	6,941	10,498	4,963	5,257	12,968	5,015
Nebraska	3,534	5,141	6,442	14,707	6,859	5,301	9,734	10,832
Kansas	3,609	3,879	6,208	7,984	6,480	8,480	8,051	13,716
Missouri	2,163	3,072	2,955	4,438	2,304	4,077	8,340	9,630
Illinois	3,377	5,507	4,788	17,691	10,630	9,822	9,849	9,943
Wisconsin	2,802	3,979	5,273	7,428	6,695	8,780	11,677	11,364
Indiana	2,629	4,439	3,262	9,551	8,972	7,259	6,575	8,704
Ohio	2,168	2,592	3,224	6,536	5,992	5,874	5,270	6,333
U.S.	2,907	3,843	4,790	8,637	7,203	7,439	10,037	11,070

[1]Excludes changes in inventories and represents income of farm operator.
[2]A farm is a place with annual sales of agricultural products of $1,000 or more.
Source: State Farm Income Statistics, U.S.D.A., Economic Statistical Services, February 1981

cash receipts from sale of farm produce, Iowa (thousands)

	1965	% of Total	1970	% of Total	1975	% of Total	1977	% of Total	1978	% of Total	1979	% of Total
All Commodities	$3,079,934	100.0	$4,129,900	100.0	$6,494,484	100.0	$6,886,211	100.0	$8,227,706	100.0	$9,463,767	100.0
Livestock Products	2,368,822	76.9	2,853,411	69.1	3,906,402	60.1	4,244,825	61.6	5,418,191	65.8	5,589,696	59.1
Meat Animals	2,047,006	66.5	2,528,795	61.2	3,469,497	53.4	3,757,880	54.6	4,870,300	59.1	4,995,446	52.8
Cattle Calves	1,082,251	35.1	1,431,168	34.6	1,567,561	24.1	1,794,565	26.1	2,559,186	31.1	2,776,870	29.3
Hogs	936,900	30.4	1,074,409	26.0	1,886,709	29.0	1,946,574	28.3	2,297,056	27.9	2,204,204	23.3
Sheep Lambs	27,855	.9	23,218	.5	15,227	.2	16,741	.24	14,058	.1	14,372	.2
Dairy Products	192,825	6.3	220,719	5.4	304,224	4.7	353,484	5.1	395,470	4.8	442,487	4.8
Misc. Livestock	11,139	.4	7,094	.2	9,642	.1	10,033	.15	12,898	.17	16,051	.2
Poultry & Eggs	117,852	3.8	96,803	2.3	123,034	1.9	123,428	1.8	138,523	1.7	135,712	1.4
Crops	711,112	23.1	1,276,489	30.9	2,588,082	39.9	2,641,386	38.4	2,809,515	34.2	3,874,071	40.1
Food Grains	1,261	*	1,769	*	9,968	.2	10,015	.15	3,776	.1	*	*
Wheat	1,192	*	1,697	*	9,811	.1	9,831	.14	3,532	.1	7,748	.1
Feed Crops	425,393	13.8	666,508	16.1	1,584,964	24.4	1,236,827	18.0	1,215,074	14.8	1,922,070	20.3
Corn	388,140	12.6	636,610	15.4	1,508,163	23.2	1,165,412	16.9	1,157,168	14.1	1,838,648	19.4
Oats	20,346	.7	17,315	.5	41,082	.6	31,942	.5	24,928	.3	38,345	.4
Hay	15,630	.5	11,613	.2	34,282	.5	37,677	.55	31,576	.4	43,800	.5
Sorghum Grain	1,233	*	921	.1	1,589	*	1,796	*	1,402	*	1,277	*
Oil Crops	261,205	8.5	582,092	14.1	944,525	14.5	1,346,415	19.6	1,543,482	18.8	1,887,338	19.9
Soybeans	260,662	8.5	582,036	14.0	944,421	14.5	1,346,415	19.6	1,543,482	18.8	1,887,338	19.9
Vegetables	5,419	.2	6,218	.2	10,490	.2	6,788	.1	6,359	.1	7,971	.1
Fruits, Nuts	1,189	*	1,412	*	1,258	*	1,535	*	1,947	*	1,815	*
All Other Crops	16,645	.5	18,490	.5	36,879	.6	39,990	.6	39,121	.48	36,980	.4

*Less than .05%.
Source: Iowa Livestock & Crop Reporting Service.

federal farm payments by program, Iowa (thousands)

Program	1960	1970	1975	1976	1977	1978	1979
Conservation	$ 6,467	$ 8,832	$ 7,233	$ 7,974	$ 7,682	$ 7,163	$ 6,557
Sugar Act	39	50	—	—	—	—	—
Wool Act	2,006	1,523	—	—	—	—	—
Soil Bank	12,283	5	—	—	—	—	—
Feed Grain	—	221,294	44,286	17,423	16,414	213,088	37,993
Wheat	—	809	460	88	1,185	650	63
Cropland Adjustment	—	3,302	668	520	—	—	—
Drought and Flood	—	—	—	—	—	949	136
Miscellaneous	—	—	474	762	3,620	49,137	24,440
Total	20,795	235,815	53,121	26,767	28,901	270,987	69,189

Source: State Farm Income Statistics, U.S.D.A., Economic Statistical Services, February, 1981.

farm real estate average value of land and buildings per acre, midwest (dollars)

	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Iowa	$257	$279	$392	$648	$801	$1,009	$1,222	$1,268	$1,458	$1,706
Minnesota	155	167	226	354	461	561	627	730	854	1,008
South Dakota	51	62	84	129	160	180	202	227	257	292
Nebraska	89	111	154	246	289	364	408	385	470	536
Kansas	101	123	159	265	314	349	384	380	437	498
Missouri	115	155	224	374	394	435	472	602	674	816
Illinois	316	372	490	788	952	1,184	1,497	1,581	1,786	1,929
Wisconsin	133	155	232	401	451	508	568	690	807	928
Indiana	264	311	420	629	783	952	1,154	1,303	1,498	1,723
Ohio	248	294	382	636	718	870	1,039	1,263	1,516	1,713
48 States	116	146	193	310	354	403	445	498	599	641

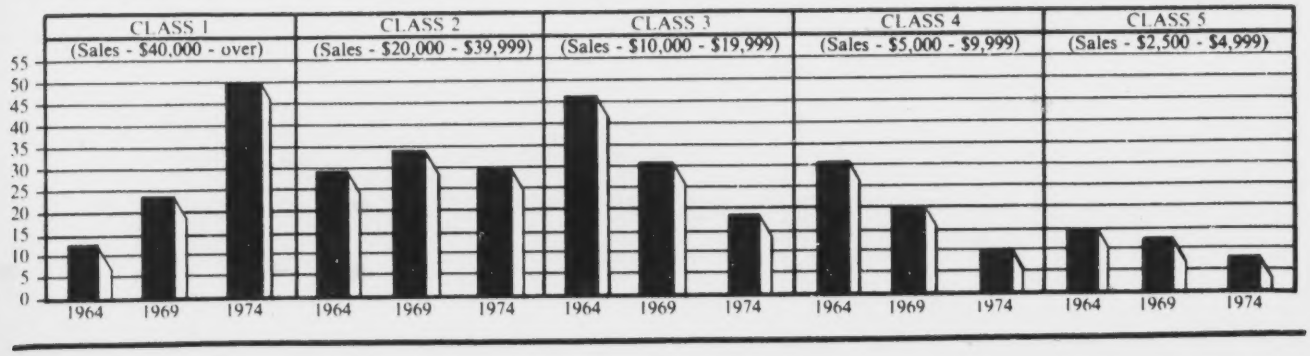
[1]Preliminary
Source: Farm Estate Market Developments, U.S.D.A., December 1980.

principal machines on Iowa farms

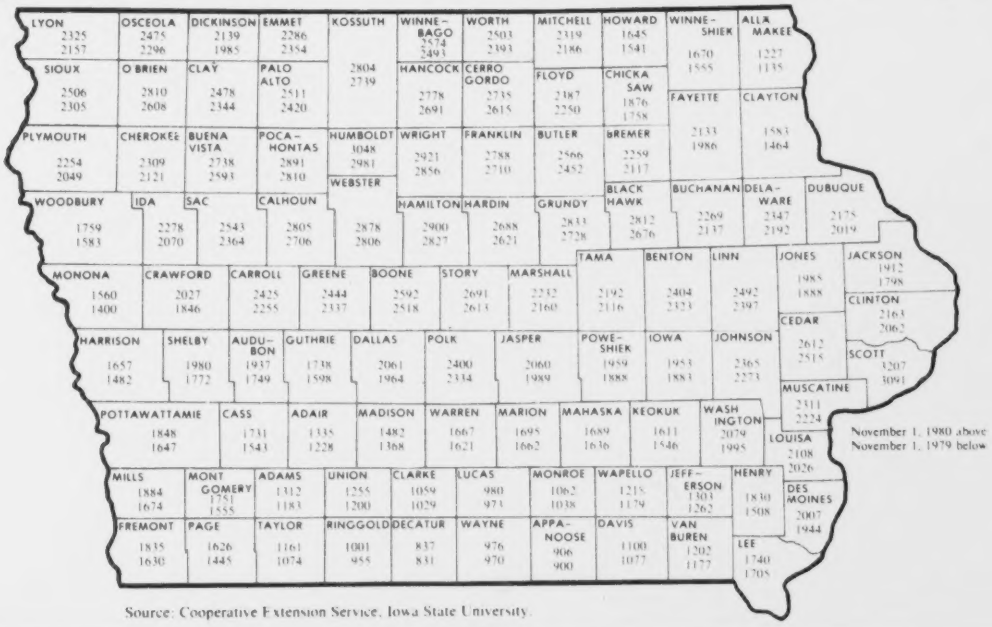
	1976	1977	1978	1979	1980
Wheel and Crawler Tractors	318,000	307,800	303,200	300,600	295,700
Garden and Tiller Tractors	30,000	—	N/A	N/A	N/A
Self-propelled Combines	38,200	45,100	44,800	45,500	45,500
Corn Pickers, Corn Heads & Picker-Shellers	88,100	45,000	46,800	49,000	51,000
Pick-up Balers	40,000	40,350	38,000	36,700	34,400
Side Delivery Rakes	88,500	87,800	87,000	86,400	85,800
Motor Trucks & Pickups	142,000	145,000	145,500	146,000	146,500
Power Elevators	170,500	174,000	175,800	179,000	180,500
Tractor Moldboard Plows	225,000	220,000	218,400	216,400	214,500
Field Forage Harvesters	20,000	24,500	24,400	24,280	24,060
Power Tractor Mowers	107,600	108,000	107,800	107,500	106,600
Internal Combustion Engines	39,000	37,200	36,200	34,700	34,000
Chain Saws	55,800	56,000	56,100	56,300	56,500
Manure Spreaders	110,000	107,600	105,100	103,300	103,000
Corn and Cotton Planters	107,200	106,100	105,400	104,300	103,000
Grain Drills	59,500	59,000	58,300	57,700	57,300
Hay Conditioners	22,000	23,000	24,300	25,370	26,250

N/A — not available.
Source: Principal Machines on Farms — Implement & Tractor, Nov. 7, 1980.

number of farms by economic class, Iowa

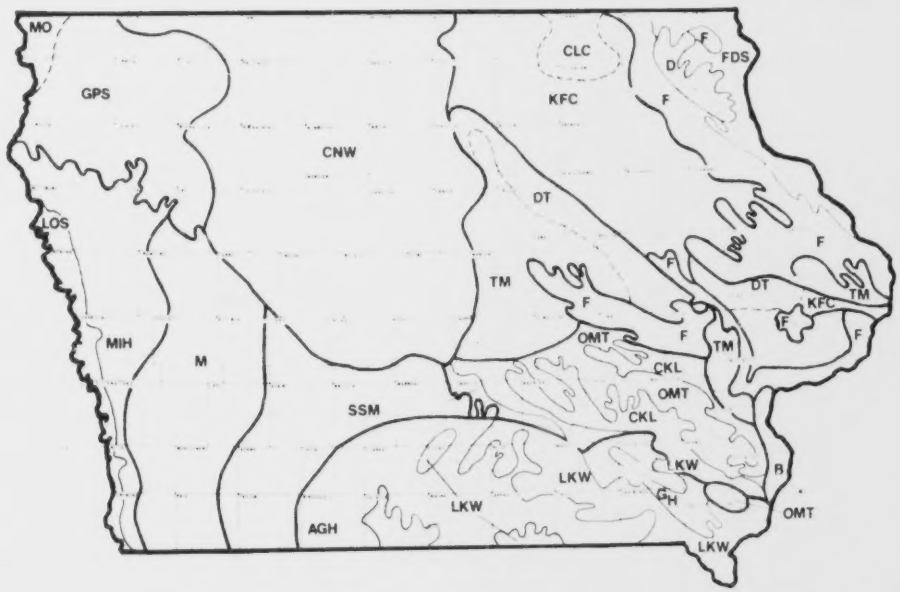


average value of farm land, November 1, 1980



Source: Cooperative Extension Service, Iowa State University.

principal soil-association areas, Iowa



B	SOILS OF MISS. BOTTOMLAND	—	GRADATIONAL BOUNDARY
----	TENTATIVE BOUNDARY		ABRUPT BOUNDARY

AGH:	ADAIR-GRUNDY-HAIG	D:	DOWNS	GH:	GRUNDY-HAIG	MIH:	MONONA-IDA-HAMBURG
ASE:	ADAIR-SEYMOUR-EDINA	DT:	DINSDALE-TAMA	KFC:	KENYON-FLOYD-CLYDE	Mo:	MOODY
CKL:	CLINTON-KESWICK-LINDLEY	F:	FAYETTE	LKW:	LINDLEY-KESWICK-WELLER	OMT:	OTLEY-MAHASKA-TAINTER
CLC:	CRESCO-LOURDES-CLYDE	FDS:	FAYETTE-DUBUQUE-STONYLAND	LOS:	LUTON-ONAWA-SALIX	SSM:	SHELBY-SHARPSBURG-MACKSBURG
CNW:	CLARION-NICOLLET-WEBSTER	GPS:	GALVA-PRIMGHAR-SAC	M:	MARSHALL	TM:	TAMA-MUSCATINE

SOURCE: Cooperative Extension Service, Iowa State University.

number and average size of farms[1] Iowa counties

County and District	Number of farms				Average acres per farm			
	1977	1978	1979	1980	1977	1978	1979	1980
Buena Vista	1,370	1,300	1,270	1,250	260	272	279	283
Cherokee	1,290	1,230	1,200	1,180	279	291	299	304
Clay	1,110	1,060	1,040	1,030	317	330	337	340
Dickinson	710	680	670	660	323	335	340	345
Emmet	780	740	730	720	310	325	329	334
Lyon	1,510	1,440	1,410	1,390	244	255	260	264
O'Brien	1,350	1,290	1,260	1,240	264	274	281	285
Osceola	890	850	830	820	281	292	300	303
Palo Alto	1,130	1,080	1,060	1,050	312	324	330	333
Plymouth	2,040	1,960	1,920	1,890	266	275	281	286
Pocahontas	1,240	1,180	1,160	1,150	291	304	309	312
Sioux	2,080	1,990	1,950	1,920	226	235	240	244
N.W. District	15,500	14,800	14,500	14,300	274	285	291	295
Butler	1,660	1,560	1,540	1,520	216	228	231	234
Cerro Gordo	1,140	1,060	1,040	1,020	302	321	327	334
Floyd	1,250	1,170	1,150	1,130	247	262	267	271
Franklin	1,290	1,210	1,190	1,170	281	300	305	310
Hancock	1,350	1,260	1,240	1,220	264	282	287	291
Humbolt	940	880	870	860	288	306	309	313
Kossuth	2,130	1,990	1,960	1,930	286	305	309	314
Mitchell	1,150	1,070	1,050	1,030	255	273	278	283
Winnebago	960	900	890	880	258	274	277	281
Worth	910	860	850	840	273	287	291	294
Wright	1,220	1,140	1,120	1,100	296	315	320	326
N.C. District	14,000	13,100	12,900	12,700	269	286	290	294
Allamakee	1,300	1,220	1,210	1,190	296	314	316	322
Black Hawk	1,550	1,450	1,420	1,400	205	218	222	226
Bremer	1,440	1,350	1,330	1,310	185	196	199	202
Buchanan	1,650	1,550	1,530	1,510	212	224	227	230
Chickasaw	1,270	1,190	1,180	1,170	247	262	264	267
Clayton	2,040	1,920	1,900	1,880	226	238	241	244
Delaware	1,640	1,540	1,520	1,500	218	231	234	237
Dubuque	1,870	1,760	1,740	1,720	191	202	204	206
Fayette	2,000	1,880	1,860	1,840	222	235	238	240
Howard	1,170	1,090	1,080	1,070	251	268	270	273
Winneshiek	1,970	1,850	1,830	1,810	215	228	231	233
N.E. District	17,900	16,800	16,600	16,400	222	235	238	241
Audubon	1,070	1,000	990	980	266	282	285	288
Calhoun	1,250	1,160	1,140	1,120	286	306	312	317
Carroll	1,460	1,360	1,340	1,320	245	261	265	269
Crawford	1,780	1,670	1,650	1,630	255	270	273	277
Greene	1,150	1,070	1,060	1,050	315	336	340	343
Guthrie	1,250	1,150	1,130	1,120	297	321	327	330
Harrison	1,390	1,290	1,270	1,250	310	332	337	342
Ida	980	920	910	900	281	297	300	304
Monona	1,100	1,020	1,010	1,000	392	420	425	429
Sac	1,240	1,150	1,130	1,110	292	313	319	325
Shelby	1,360	1,260	1,240	1,220	273	293	298	303
Woodbury	2,070	1,950	1,930	1,900	255	269	272	276
W.C. District	16,100	15,000	14,800	14,600	285	304	308	312
Boone	1,360	1,280	1,250	1,220	251	265	272	278
Dallas	1,320	1,240	1,220	1,190	269	284	289	296
Grundy	1,280	1,210	1,190	1,170	250	263	267	272
Hamilton	1,360	1,280	1,250	1,230	264	279	286	290
Hardin	1,300	1,220	1,200	1,180	273	289	294	299
Jasper	1,720	1,630	1,600	1,570	260	272	278	283
Marshall	1,360	1,270	1,250	1,230	258	274	279	283
Polk	1,460	1,370	1,340	1,310	183	194	195	203
Poweshiek	1,350	1,270	1,250	1,230	269	284	289	294
Story	1,250	1,180	1,160	1,140	273	288	293	298
Tama	1,810	1,710	1,680	1,650	247	260	265	269
Webster	1,430	1,340	1,310	1,280	303	321	329	337
C. District	17,000	16,000	15,700	15,400	257	272	277	283

number and average size of farms[1] Iowa counties (continued)

County and District	Number of farms				Average acres per farm			
	1977	1978	1979	1980	1977	1978	1979	1980
Benton	1,630	1,510	1,490	1,460	272	293	297	303
Cedar	1,430	1,320	1,300	1,270	252	270	275	281
Clinton	1,810	1,690	1,660	1,620	230	245	249	255
Iowa	1,320	1,220	1,200	1,170	275	296	300	308
Jackson	1,630	1,510	1,490	1,460	240	258	261	266
Johnson	1,550	1,440	1,420	1,390	223	238	241	247
Jones	1,530	1,420	1,400	1,370	235	251	255	261
Linn	1,890	1,760	1,730	1,690	212	227	231	237
Muscatine	1,050	960	950	930	247	268	270	276
Scott	1,160	1,070	1,060	1,040	217	234	236	240
E.C. District	15,000	13,900	13,700	13,400	239	257	261	266
Adair	1,260	1,120	1,110	1,080	288	322	325	334
Adams	850	760	750	740	315	350	354	359
Cass	1,240	1,110	1,100	1,070	285	317	320	329
Fremont	860	760	750	740	369	414	419	425
Mills	840	750	740	730	323	359	363	368
Montgomery	910	810	800	780	291	325	328	337
Page	1,210	1,090	1,080	1,050	275	303	306	314
Pottawattamie	2,200	1,990	1,970	1,930	259	285	287	293
Taylor	1,130	1,010	1,000	980	300	333	336	343
S.W. District	10,500	9,400	9,300	9,100	293	325	329	336
Appanoose	1,240	1,190	1,160	1,140	235	243	249	254
Clarke	760	720	710	700	356	374	379	385
Decatur	900	860	850	840	372	387	392	397
Lucas	970	930	910	890	274	282	288	295
Madison	1,420	1,370	1,350	1,320	250	258	262	268
Marion	1,380	1,320	1,300	1,270	226	235	238	244
Monroe	1,010	960	940	920	265	277	283	289
Ringgold	920	880	860	850	375	390	399	404
Union	770	730	720	710	347	364	369	374
Warren	1,510	1,460	1,430	1,400	231	238	242	248
Wayne	920	880	870	860	357	371	375	379
S.C. District	11,800	11,300	11,100	10,900	287	298	303	309
Davis	1,300	1,260	1,230	1,210	240	246	252	256
Des Moines	880	330	810	800	252	266	272	275
Henry	1,080	1,030	1,010	990	244	254	259	265
Jefferson	1,160	1,120	1,090	1,070	230	237	243	248
Keokuk	1,280	1,230	1,200	1,180	279	288	296	301
Lee	1,280	1,230	1,190	1,170	234	242	250	254
Louisa	780	750	740	730	305	315	320	324
Mahaska	1,480	1,430	1,400	1,380	241	248	253	257
Van Buren	1,090	1,050	1,020	1,000	271	280	288	294
Wapello	1,490	1,450	1,420	1,400	170	174	178	180
Washington	1,380	1,320	1,290	1,270	254	264	270	274
S.E. District	13,200	12,700	12,400	12,200	244	252	258	262
State	131,000	123,000	121,000	119,000	261	276	281	286

Source: Iowa Crop and Livestock Reporting Service, U.S.D.A.

corn and soybeans harvested

County & District	Corn						Corn for Silage		Soybeans					
	1977r		1978r		1979e		1978r	1979e	1977		1978r		1979e	
	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	(000's of Tons)		Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)
Buena Vista	119.9	19,524	127.5	20,400	126.4	20,600	135	105	43.2	5,157	42.6	5,450	36.3	4,990
Cherokee	106.3	15,039	122.8	17,800	125.0	17,500	300	225	41.3	3,467	43.3	3,900	38.4	3,640
Clay	112.1	15,671	117.3	16,300	129.7	18,800	160	280	39.5	4,505	38.4	4,650	37.6	4,960
Dickinson	97.0	8,503	120.0	10,800	122.6	11,400	175	175	33.9	2,460	39.6	3,050	37.0	2,920
Emmet	108.2	11,061	125.7	12,700	127.4	13,500	110	155	38.7	3,531	40.6	3,800	31.3	3,070
Lyon	95.1	14,184	110.3	17,200	113.9	18,900	235	230	40.8	3,152	42.7	3,650	39.8	3,660
O'Brien	112.1	17,021	120.6	18,200	128.4	19,000	185	195	40.4	4,778	40.0	4,800	40.0	5,100
Osceola	109.9	11,268	120.6	12,900	114.0	12,200	165	185	40.2	3,368	41.6	3,700	37.7	3,590
Palo Alto	102.9	15,532	119.3	17,900	125.5	18,700	105	110	36.4	4,806	39.1	5,400	32.4	4,730
Plymouth	89.0	20,042	115.7	27,300	118.5	28,200	280	230	36.8	3,333	43.8	4,250	42.6	4,620
Pocahontas	106.7	16,257	131.4	20,100	134.8	21,700	80	150	38.1	5,744	43.7	6,465	34.2	5,110
Sioux	90.2	19,647	111.3	25,700	122.7	28,600	630	470	40.0	3,074	43.2	3,800	42.8	4,200
N.W. District	103.0	183,749	119.5	217,300	123.9	229,100	2,560	2,510	39.1	47,375	41.5	52,915	37.3	50,590
Butler	92.4	15,163	111.3	18,700	129.3	21,600	93	89	34.7	3,157	35.8	3,650	37.0	4,170
Cerro Gordo	104.3	16,566	120.0	18,000	132.1	20,600	65	94	37.1	3,832	36.1	3,900	36.1	4,040
Floyd	110.2	13,550	116.7	14,700	131.0	16,500	73	36	37.8	3,443	36.6	3,550	33.5	3,310
Franklin	86.8	13,885	120.4	20,100	130.4	21,900	130	63	35.4	3,979	37.4	4,300	38.9	4,740
Hancock	112.9	18,488	125.3	20,300	129.8	20,900	125	145	37.5	4,644	37.0	4,700	32.9	4,200
Humbolt	98.9	12,091	127.6	16,200	122.6	15,200	88	72	36.1	3,875	38.8	4,350	35.4	3,990
Kossuth	101.6	25,897	124.8	33,700	129.9	35,200	155	160	36.2	8,601	35.8	8,890	33.4	8,310
Mitchell	107.5	12,285	111.7	13,400	131.9	15,300	130	155	37.7	2,760	35.8	2,950	35.5	3,300
Winnebago	107.2	11,697	121.3	13,100	124.3	13,800	44	64	37.2	3,710	29.4	2,850	31.3	3,120
Worth	105.0	11,936	120.9	13,300	129.8	13,500	47	46	35.5	2,755	38.3	3,200	38.8	3,640
Wright	104.9	17,224	126.4	22,000	135.6	24,000	40	56	38.0	5,488	38.9	6,150	39.2	6,240
N.C. District	102.4	168,782	121.0	203,500	130.0	218,500	990	980	36.6	46,244	36.5	48,490	35.6	49,060
Allamakee	118.5	8,249	118.1	8,500	122.8	8,900	175	150	38.1	80	35.8	86	39.3	110
Black Hawk	109.8	15,698	118.4	16,700	135.8	18,600	87	91	35.5	2,832	39.0	3,200	39.4	3,560
Bremer	116.0	12,572	122.0	13,300	126.9	13,200	100	84	37.4	2,383	38.3	2,550	33.2	2,420
Buchanan	108.4	17,866	122.0	20,000	140.4	22,600	88	49	37.2	2,716	38.6	3,050	39.3	3,820
Chickasaw	111.8	12,158	115.3	12,800	132.5	15,100	140	145	37.2	2,311	36.2	2,350	36.9	2,680
Clayton	117.6	16,298	118.1	17,000	126.6	18,100	150	98	42.6	213	39.1	215	39.1	250
Delaware	108.8	17,206	117.5	18,800	129.7	21,400	170	97	40.2	1,004	38.3	1,000	38.9	1,210
Dubuque	103.6	11,656	114.1	13,800	138.6	17,600	210	140	39.3	55	32.8	59	42.9	90
Fayette	113.0	19,338	119.9	21,100	131.2	22,700	200	165	37.8	2,624	37.1	2,800	34.8	3,130
Howard	113.0	10,395	114.6	11,000	122.1	11,900	115	61	36.8	2,137	34.1	2,300	33.3	2,670
Winneshiek	110.6	13,161	115.1	14,500	119.7	15,800	255	290	35.2	535	34.4	540	35.1	650
N.E. District	111.5	154,597	118.0	167,500	130.4	185,900	1,690	1,370	37.1	16,890	37.3	18,150	36.5	20,590
Audubon	62.6	6,924	107.9	12,300	119.8	15,100	135	120	33.3	1,382	40.4	1,900	37.3	1,830
Calhoun	83.8	12,743	123.3	18,500	136.9	20,400	87	125	33.4	4,756	41.5	6,140	38.6	5,780
Carroll	50.6	7,051	110.7	16,500	123.1	19,200	365	750	30.7	2,782	42.6	4,050	38.9	3,840
Crawford	64.3	10,758	112.1	19,500	106.5	17,900	160	170	33.7	2,329	42.5	3,100	36.1	2,980
Greene	37.8	5,472	119.6	17,700	140.5	22,200	115	175	25.5	3,278	44.2	5,750	41.0	5,570
Guthrie	55.9	5,818	107.0	10,700	126.9	13,200	91	100	31.4	2,022	36.8	2,150	39.6	2,680
Harrison	73.5	12,251	115.2	18,200	122.0	20,000	87	160	37.9	3,143	39.3	3,750	38.2	4,190
Ida	102.6	12,913	118.6	14,700	108.9	13,500	145	180	40.5	2,094	42.1	2,250	37.8	2,130
Monona	85.2	13,915	114.3	17,600	100.6	15,900	115	91	38.2	3,229	36.2	3,200	31.4	2,990
Sac	88.6	14,178	113.4	17,800	125.7	21,500	360	255	37.1	3,603	38.3	3,950	37.6	4,080
Shelby	66.2	11,180	118.9	20,100	126.1	22,200	215	94	36.9	2,269	43.1	2,950	40.6	2,970
Woodbury	99.2	23,570	115.1	28,200	103.1	26,500	245	225	37.0	2,621	36.9	2,600	38.2	2,900
W.C. District	74.3	136,773	115.0	211,800	119.1	227,600	2,120	2,445	34.0	33,508	40.5	41,790	38.1	41,940
Boone	33.6	5,174	120.8	18,600	142.0	21,300	51	82	24.0	2,602	43.2	5,050	41.2	5,060
Dallas	52.3	8,082	106.6	16,100	132.0	20,200	50	79	30.3	2,791	35.1	3,550	38.5	4,220
Grundy	97.7	14,824	119.3	17,900	136.7	20,100	105	175	38.0	3,383	42.8	4,150	41.2	4,580
Hamilton	77.1	12,988	119.5	19,600	139.5	22,600	48	69	29.1	3,759	39.6	5,500	40.2	5,830
Hardin	85.3	14,960	114.8	19,400	139.4	21,600	115	115	33.8	3,188	41.3	4,300	41.2	4,970
Jasper	51.4	8,802	112.6	18,800	128.0	21,500	135	81	34.9	2,511	38.5	3,100	39.3	3,470
Marshall	42.5	6,780	111.2	16,900	132.7	20,300	85	110	28.8	2,003	41.8	3,200	40.3	3,350
Polk	61.3	7,338	112.4	12,700	130.4	14,600	29	47	30.3	2,528	36.6	3,150	41.9	4,170
Poweshiek	77.6	10,101	110.4	13,800	127.3	15,400	70	100	35.6	2,038	37.0	2,350	40.4	2,950
Story	32.4	5,047	116.5	19,100	140.4	22,600	71	91	22.2	2,473	42.4	5,050	40.1	5,230
Tama	86.7	15,575	116.7	20,300	134.7	22,900	92	69	36.5	3,216	41.8	3,950	41.9	4,500
Webster	84.3	15,242	128.5	23,000	137.8	24,800	29	32	34.8	5,750	43.1	7,540	38.5	7,260
C. District	65.7	124,913	116.1	216,200	135.3	247,900	880	1,050	31.2	36,242	40.6	50,890	40.3	55,590

corn and soybeans harvested (continued)

County & District	Corn						Corn for Silage		Soybeans					
	1977		1978r		1979e		1978r	1979e	1977		1978r		1979e	
	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	(000's of Tons)		Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)
Benton	83.6	14,386	120.6	20,500	133.5	22,700	195	180	35.1	3,493	42.2	4,300	41.6	4,340
Cedar	123.7	21,235	129.5	22,400	143.9	24,900	85	115	42.5	2,524	42.2	2,850	44.8	3,210
Clinton	109.1	21,922	114.8	23,300	130.7	26,800	205	145	43.7	2,468	39.2	2,450	46.0	3,460
Iowa	74.0	10,649	110.2	15,100	128.0	16,900	125	88	34.5	1,279	34.5	1,400	40.0	1,770
Jackson	99.3	9,636	108.1	10,700	118.6	12,100	150	195	37.0	255	31.9	255	44.1	410
Johnson	105.7	14,633	117.6	16,700	135.4	19,500	92	62	38.9	2,041	38.4	2,150	41.9	2,570
Jones	103.0	14,042	119.6	16,500	131.4	18,000	150	145	40.9	1,296	39.8	1,450	42.7	1,780
Linn	96.3	15,140	115.7	17,000	130.3	19,800	101	43	37.8	2,838	40.0	3,400	40.1	3,780
Muscatine	115.1	10,680	112.8	10,600	129.2	12,400	72	47	36.9	1,637	37.2	1,650	39.5	1,910
Scott	119.8	15,245	123.1	16,000	134.6	17,500	105	60	41.4	1,568	41.3	1,600	43.2	1,750
E.C. District	102.6	147,568	117.8	168,800	132.3	190,600	1,280	1,080	38.7	19,399	39.8	21,505	42.3	24,980
Adair	50.1	5,509	103.7	11,300	117.6	12,700	64	62	31.4	1,713	34.6	1,850	34.9	2,170
Adams	60.8	4,132	95.5	6,400	115.8	8,800	39	115	31.0	1,086	32.4	1,100	35.2	1,290
Cass	76.3	10,308	109.6	14,900	125.9	18,000	140	95	35.9	2,249	37.9	2,350	37.5	2,570
Fremont	55.0	6,710	95.8	11,500	111.2	12,900	32	43	34.3	3,107	32.7	3,300	36.1	4,280
Mills	56.3	5,311	107.3	10,300	121.8	12,300	98	52	36.7	2,686	37.4	2,600	38.2	2,910
Montgomery	74.1	7,077	103.0	10,200	128.2	13,200	100	195	34.4	2,175	36.2	2,350	39.0	2,600
Page	66.6	7,089	97.2	10,400	114.2	12,100	75	67	32.7	2,665	33.5	2,700	36.5	3,470
Pottawattamie	86.3	19,275	119.9	25,100	125.9	26,700	250	185	38.7	4,589	40.3	4,470	38.7	4,860
Taylor	65.8	4,885	88.7	6,300	107.9	8,200	32	46	29.5	1,376	28.6	1,500	34.0	1,830
S.W. District	68.3	70,296	104.7	106,400	120.0	124,900	830	860	34.6	21,646	35.3	22,220	37.0	25,980
Appanoose	60.6	2,388	90.7	3,300	117.3	4,000	21	33	30.7	1,048	28.4	1,050	35.1	1,490
Clarke	40.9	1,617	97.1	4,300	98.2	4,400	21	42	30.1	714	33.2	850	30.9	900
Decatur	50.1	2,254	101.9	4,400	99.1	4,500	68	53	30.9	761	31.4	1,100	31.6	1,240
Lucas	42.3	1,683	93.2	3,850	106.0	4,450	33	83	28.8	538	29.7	710	34.0	830
Madison	36.0	2,943	104.2	8,650	108.4	9,650	70	74	26.9	1,286	35.3	1,800	34.2	1,820
Marion	18.3	1,229	104.9	8,500	116.7	8,750	50	53	31.5	1,310	36.7	1,800	37.7	2,080
Monroe	45.0	1,854	90.5	3,600	108.9	4,650	49	41	31.7	690	29.4	730	36.2	830
Ringgold	46.0	2,854	100.0	6,200	106.5	6,550	58	67	31.0	1,173	31.7	1,500	33.3	1,570
Union	40.3	2,086	92.9	5,200	110.2	5,950	42	77	28.9	730	31.2	890	33.0	870
Warren	27.2	2,084	105.2	9,050	124.1	10,300	61	81	29.1	1,118	36.0	1,700	35.7	1,970
Wayne	53.7	3,525	100.9	5,950	109.2	6,500	37	36	31.4	1,138	33.2	1,450	33.1	1,520
S.C. District	40.2	24,517	99.7	63,000	110.5	69,700	510	640	30.0	10,506	32.9	13,580	34.3	15,120
Davis	47.8	2,968	96.6	5,600	120.5	6,750	23	26	30.2	1,217	31.7	1,600	37.4	2,020
Des Moines	96.8	8,900	108.8	9,250	133.3	12,400	39	30	39.9	1,796	38.6	1,950	41.8	2,310
Henry	94.2	9,883	110.3	10,700	135.5	13,100	23	18	41.0	1,964	39.1	2,150	43.5	2,430
Jefferson	76.7	6,360	105.6	7,600	127.5	9,050	38	30	35.7	1,849	36.1	1,950	39.1	2,400
Keokuk	68.3	9,215	113.7	14,100	135.5	16,400	45	51	38.4	1,824	37.0	2,000	40.0	2,590
Lee	57.6	5,130	98.8	7,900	143.4	11,400	61	69	37.6	1,681	34.2	1,950	42.0	2,740
Louisa	106.5	9,027	109.2	8,950	138.5	11,400	19	13	36.9	1,720	36.2	1,550	42.4	2,000
Mahaska	48.9	6,641	103.8	13,600	131.0	16,900	145	115	39.0	2,550	36.1	2,635	42.2	3,240
Van Buren	45.8	2,659	94.6	5,200	117.9	6,900	22	28	29.2	1,069	30.8	1,350	36.0	1,610
Wapello	82.6	5,426	103.2	6,400	127.1	7,500	29	17	36.2	1,680	33.5	1,650	38.8	2,160
Washington	96.9	14,796	112.8	16,700	138.0	19,600	56	43	38.4	2,180	38.5	2,350	44.2	3,110
S.E. District	76.2	81,005	106.6	106,000	133.0	131,400	500	440	36.9	19,530	35.8	21,135	40.9	26,610
State	86.0	1,092,200	115.0	1,460,500	127.0	1,625,600	11,360	11,375	35.5	251,340	38.5	290,675	38.0	310,460

[1]Preliminary.
r/Revised figures.
e/Estimated figures.
Source: Iowa Crop and Livestock Reporting Service.

hogs and grain fed cattle marketed and cows and heifers* that have calved

	Hogs Marketed (000)			Grain Fed Cattle Marketed (000)			Milk Cows (000)			Beef Cows (000)		
	1977	1978r	1979e	1977	1978r	1979e	1977	1978r	1979e	1977	1978r	1979e
Buena Vista	315.0	315.0	345.0	27.5	35.0	31.0	1.0	.9	.9	10.5	10.0	10.5
Cherokee	250.0	245.0	270.0	74.3	91.0	81.0	2.1	2.3	2.3	20.0	18.5	20.0
Clay	175.0	170.0	190.0	41.4	45.0	40.0	.9	.8	.8	13.7	12.0	13.0
Dickinson	100.0	95.0	105.0	28.5	37.0	33.0	1.0	.7	.7	10.6	8.4	9.0
Emmet	100.0	110.0	115.0	24.7	29.5	26.0	.5	.5	.5	9.0	8.5	9.2
Lyon	285.0	285.0	310.0	70.5	73.0	65.0	8.3	7.8	7.8	18.9	18.0	19.5
O'Brien	270.0	265.0	290.0	78.0	89.0	79.0	3.5	3.0	3.0	10.2	9.5	10.0
Osceola	145.0	140.0	155.0	37.3	45.0	40.0	2.9	2.6	2.6	6.1	5.4	5.8
Palo Alto	215.0	225.0	245.0	29.3	33.0	29.0	1.1	.9	.9	7.4	6.9	7.4
Plymouth	455.0	455.0	500.0	92.0	98.0	87.0	4.8	3.9	3.9	29.5	23.5	25.5
Pocahontas	190.0	195.0	215.0	24.5	26.5	24.0	.5	.6	.6	5.2	3.8	4.1
Sioux	550.0	550.0	610.0	232.0	265.0	235.0	13.4	13.0	13.0	10.9	10.5	11.0
N.W. District	3,050.0	3,050.0	3,350.0	760.0	867.0	770.0	40.0	37.0	37.0	152.0	135.0	145.0
Butler	245.0	255.0	270.0	16.8	18.5	16.5	5.7	5.4	5.4	12.7	11.5	11.5
Cerro Gordo	215.0	200.0	220.0	16.3	18.5	16.5	1.1	.9	.9	7.7	7.4	7.4
Floyd	140.0	140.0	150.0	13.2	15.0	13.5	2.8	2.3	2.3	8.7	7.7	7.7
Franklin	245.0	235.0	260.0	29.8	31.0	28.0	1.8	1.7	1.7	11.7	9.2	9.2
Hancock	255.0	250.0	270.0	19.5	21.0	19.0	2.5	2.0	2.0	6.9	5.7	5.7
Humboldt	125.0	125.0	140.0	16.0	20.0	18.0	.8	.8	.8	3.3	2.7	2.7
Kossuth	360.0	360.0	390.0	39.5	45.5	41.0	3.1	2.9	2.9	11.0	8.9	8.9
Mitchell	225.0	210.0	230.0	23.0	26.0	23.5	6.4	5.6	5.6	7.9	7.4	7.4
Winnebago	130.0	115.0	130.0	6.9	7.5	7.0	1.6	1.4	1.4	3.0	2.5	2.5
Worth	100.0	95.0	105.0	10.5	11.5	10.5	1.4	1.3	1.3	4.6	3.8	3.8
Wright	160.0	165.0	185.0	14.5	18.5	16.5	.8	.7	.7	6.5	4.2	4.2
N.C. District	2,200.0	2,150.0	2,350.0	206.0	233.0	210.0	28.0	25.0	25.0	84.0	71.0	71.0
Allamakee	145.0	135.0	155.0	9.4	12.0	10.5	22.4	22.5	22.5	33.4	29.5	30.5
Black Hawk	205.0	175.0	195.0	18.5	20.0	18.0	5.5	4.7	4.8	8.5	8.2	8.5
Bremer	135.0	130.0	145.0	9.0	11.0	10.0	12.1	11.0	11.0	6.0	4.9	5.0
Buchanan	260.0	250.0	280.0	18.0	19.0	17.0	8.4	7.3	7.3	13.8	11.5	12.0
Chickasaw	180.0	180.0	200.0	13.9	17.0	15.0	8.1	6.9	6.9	13.4	12.0	12.5
Clayton	355.0	360.0	400.0	16.6	17.0	15.0	29.2	31.0	30.5	28.0	26.0	26.5
Delaware	510.0	495.0	550.0	21.0	22.5	20.5	24.4	24.5	24.0	12.3	9.9	10.0
Dubuque	365.0	345.0	380.0	30.0	33.5	30.0	29.3	31.0	30.5	20.3	20.5	21.0
Fayette	290.0	290.0	320.0	25.0	31.0	28.5	20.4	22.5	22.5	21.4	17.5	18.0
Howard	100.0	105.0	115.0	8.6	10.0	9.0	10.4	9.6	9.5	14.0	14.0	14.5
Winneshiek	255.0	235.0	260.0	19.0	24.0	21.5	27.8	29.0	28.5	27.9	26.0	26.5
N.E. District	2,800.0	2,700.0	3,000.0	189.0	217.0	195.0	198.0	200.0	198.0	199.0	180.0	185.0
Audubon	205.0	220.0	240.0	38.0	43.0	38.0	2.2	1.7	1.7	19.5	17.5	18.0
Calhoun	160.0	180.0	190.0	29.0	39.0	35.0	.5	.3	.3	10.3	9.0	9.3
Carroll	395.0	385.0	420.0	88.0	117.0	105.0	1.8	1.3	1.3	19.0	16.0	16.5
Crawford	320.0	340.0	375.0	52.0	62.0	55.0	3.5	3.3	3.3	35.8	33.0	33.7
Greene	175.0	180.0	190.0	23.0	28.0	25.0	.2	.2	.2	15.9	14.5	15.0
Guthrie	145.0	125.0	140.0	22.0	26.0	23.0	1.2	1.1	1.1	30.4	28.0	28.5
Harrison	120.0	105.0	120.0	17.5	19.0	17.0	1.3	1.0	1.0	21.5	19.5	20.5
Ida	190.0	180.0	200.0	45.0	60.0	53.0	1.5	1.7	1.7	15.7	14.5	15.0
Monona	120.0	105.0	120.0	31.0	34.0	30.0	.8	.7	.7	15.9	15.0	15.5
Sac	285.0	285.0	315.0	80.5	90.0	80.0	2.0	1.6	1.6	17.8	15.5	16.0
Shelby	280.0	285.0	305.0	47.0	52.0	46.0	2.0	1.5	1.5	25.2	22.0	22.5
Woodbury	255.0	260.0	285.0	80.0	94.0	83.0	2.1	1.6	1.6	38.0	34.5	135.6
W.C. District	2,650.0	2,650.0	2,900.0	553.0	664.0	590.0	19.1	16.0	16.0	265.0	239.0	245.0
Boone	180.0	195.0	215.0	25.0	28.0	25.0	.6	.6	.6	10.9	9.2	9.9
Dallas	115.0	110.0	120.0	19.1	20.0	18.0	.6	.5	.5	14.6	14.0	15.0
Grundy	195.0	200.0	215.0	30.0	35.0	31.5	2.6	2.2	2.2	10.3	8.8	9.5
Hamilton	245.0	235.0	255.0	27.0	28.5	25.5	.4	.4	.4	5.0	3.7	4.0
Hardin	290.0	275.0	295.0	47.0	53.0	47.5	1.4	.7	.7	12.8	14.5	15.5
Jasper	315.0	310.0	335.0	36.5	39.0	35.0	3.5	2.9	2.9	28.8	27.5	29.5
Marshall	155.0	140.0	155.0	27.5	31.0	28.0	.9	.8	.8	21.6	17.5	18.5
Polk	60.0	60.0	65.0	7.0	7.5	7.0	.8	.9	.9	7.4	6.7	7.2
Poweshiek	225.0	200.0	220.0	22.5	23.0	20.5	2.2	2.1	2.1	34.2	30.0	32.0
Story	135.0	150.0	165.0	19.0	20.0	18.0	1.2	.9	.9	6.3	6.1	6.5
Tama	255.0	245.0	265.0	32.6	33.0	29.5	2.3	2.5	2.5	28.7	25.0	27.0
Webster	130.0	130.0	145.0	12.8	16.0	14.5	.6	.5	.5	6.4	5.0	5.4
C. District	2,300.0	2,250.0	2,450.0	306.0	334.0	300.0	17.1	15.0	15.0	187.0	168.0	180.0

hogs and grain fed cattle marketed and cows and heifers* that have calved (continued)

	Hogs Marketed (000)			Grain Fed Cattle Marketed (000)			Milk Cows (000)			Beef Cows (000)		
	1977	1978r	1979e	1977	1978r	1979e	1977	1978r	1979e	1977	1978r	1979e
Benton	280.0	270.0	295.0	45.4	44.5	39.5	3.2	3.0	3.0	24.1	20.0	21.0
Cedar	390.0	390.0	425.0	34.5	35.5	31.5	2.4	2.1	2.1	19.4	16.5	17.5
Clinton	340.0	330.0	360.0	71.4	78.0	69.0	4.9	4.4	4.4	19.7	17.5	18.5
Iowa	240.0	265.0	275.0	31.5	32.0	28.5	2.9	2.6	2.6	35.1	30.5	32.0
Jackson	200.0	180.0	200.0	36.7	40.0	35.5	12.2	12.0	12.0	39.8	32.5	34.0
Johnson	350.0	340.0	375.0	17.5	20.5	18.0	3.7	3.4	3.4	24.3	23.0	24.5
Jones	290.0	290.0	315.0	42.8	46.0	41.0	6.7	6.5	6.5	23.3	19.5	21.0
Linn	210.0	185.0	210.0	16.1	17.0	15.0	7.3	5.5	5.5	17.2	13.5	14.5
Muscatine	195.0	165.0	190.0	12.6	14.5	13.0	2.3	2.1	2.1	14.8	11.5	12.0
Scott	255.0	235.0	255.0	26.5	27.0	24.0	3.4	3.4	3.4	11.3	9.5	10.0
E.C. District	2,750.0	2,650.0	2,900.0	335.0	355.0	315.0	49.0	45.0	45.0	229.0	194.0	205.0
Adair	185.0	190.0	200.0	20.5	23.5	21.0	2.3	2.2	2.2	40.1	37.0	37.5
Adams	115.0	115.0	125.0	11.0	11.5	10.5	.5	.6	.6	27.0	23.0	23.0
Cass	183.0	195.0	210.0	38.0	44.0	39.0	1.6	1.4	1.4	30.3	26.0	26.0
Fremont	77.0	72.0	78.0	26.0	28.0	25.0	.4	.4	.4	14.8	12.5	12.5
Mills	75.0	64.0	77.0	27.5	29.5	26.0	.6	.2	.2	10.7	9.0	9.0
Montgomery	120.0	125.0	130.0	24.5	29.0	26.0	.7	.7	.7	18.5	15.0	15.0
Page	200.0	175.0	190.0	23.5	27.0	24.0	1.1	.8	.8	25.9	21.0	21.0
Pottawattamie	235.0	215.0	235.0	112.0	128.0	115.0	1.9	1.2	1.2	26.3	25.0	25.0
Taylor	110.0	99.0	105.0	9.0	9.5	8.5	.9	.5	.5	35.4	25.5	26.0
S.W. District	1,300.0	1,250.0	1,350.0	292.0	330.0	295.0	10.0	8.0	8.0	229.0	194.0	195.0
Appanoose	48.5	49.0	56.0	3.0	3.2	2.9	1.0	.9	.9	34.0	31.5	31.0
Clarke	71.0	72.0	81.0	3.5	4.5	4.1	.5	.5	.5	24.6	24.5	24.5
Decatur	50.5	54.0	62.0	4.3	4.3	3.8	1.4	1.1	1.1	37.4	34.0	33.5
Lucas	65.0	60.0	68.0	5.7	5.3	4.7	.7	.7	.7	29.4	24.0	24.0
Madison	115.0	130.0	145.0	10.5	12.0	10.5	.8	.8	.8	30.3	29.5	29.5
Marion	215.0	220.0	250.0	15.0	18.0	16.0	2.8	2.7	2.7	19.7	21.0	21.0
Monroe	76.0	75.0	85.0	4.1	4.7	4.2	1.5	1.5	1.5	29.7	30.0	30.0
Ringgold	100.0	96.0	110.0	5.8	6.2	5.6	1.3	1.2	1.2	41.1	36.0	36.0
Union	88.0	85.0	96.0	8.0	8.6	7.8	.8	.8	.8	30.7	29.0	29.0
Warren	130.0	120.0	135.0	8.5	10.0	8.9	2.7	2.6	2.6	30.5	26.0	26.0
Wayne	70.0	61.0	70.0	7.3	7.2	6.5	1.5	1.2	1.2	39.6	31.5	31.5
S.C. District	1,029.0	1,022.0	1,158.0	75.0	84.0	75.0	15.0	14.0	14.0	347.0	317.0	315.0
Davis	64.0	62.0	66.0	3.2	4.0	3.5	3.2	3.0	3.0	32.3	29.5	32.5
Des Moines	97.0	97.0	100.0	10.3	13.0	11.5	.7	.7	.7	13.5	11.0	12.0
Henry	200.0	210.0	230.0	11.0	12.0	10.5	.8	.7	.7	16.1	13.0	14.5
Jefferson	145.0	150.0	165.0	7.6	9.0	8.0	1.0	.8	.8	15.7	15.0	16.5
Keokuk	345.0	335.0	370.0	14.2	14.5	13.0	1.1	.9	.9	27.5	24.0	26.5
Lee	160.0	165.0	180.0	16.0	17.0	15.0	3.4	2.5	2.5	16.0	13.5	15.0
Louisa	135.0	115.0	125.0	8.7	9.5	8.5	.2	.1	.1	9.0	7.0	7.8
Mahaska	415.0	380.0	415.0	41.0	42.5	37.5	2.5	2.2	2.2	21.2	17.5	19.2
Van Buren	99.0	86.0	99.0	5.0	5.0	4.5	1.1	1.0	1.0	22.7	21.0	23.0
Wapello	100.0	95.0	105.0	8.0	9.0	8.0	.7	.9	.9	19.3	18.5	20.5
Washington	440.0	405.0	445.0	21.0	22.5	20.0	1.4	1.2	1.2	17.7	16.0	17.5
S.E. District	2,200.0	2,100.0	2,300.0	146.0	158.0	140.0	16.1	14.0	14.0	211.0	186.0	205.0
State	20,279.0	19,822.0	21,758.0	2,862.0	3,342.0	2,890.0	392.0	374.0	372.0	1,903.0	1,684.0	1,746.0

*District data totals exceed state totals due to rounding to thousands of head.
r/Revised figures.
e/Estimated figures.
Source: Iowa Crop and Livestock Reporting Service.

grain fed sheep and lambs, hens and pullets

	Grain Fed Sheep and Lambs Marketed (000)			Hens and Pullets of Laying Age (000)		
	1977	1978r	1979e	1977	1978r	1979e
Buena Vista	16.9	6.8	6.1	66.0	57.0	70.0
Cherokee	3.2	1.9	1.7	16.0	15.0	10.5
Clay	3.9	4.2	3.8	140.0	156.0	315.0
Dickinson	2.8	2.0	1.8	91.0	105.0	140.0
Emmet	1.1	.5	.5	96.0	84.0	42.0
Lyon	6.8	6.1	5.5	62.0	45.0	30.5
O'Brien	3.4	2.6	2.4	67.0	67.0	39.0
Osceola	11.8	8.3	7.5	55.0	73.0	42.0
Palo Alto	1.4	3.1	2.8	100.0	105.0	62.0
Plymouth	4.2	2.2	2.0	56.0	89.0	59.0
Pocahontas	3.1	3.1	2.8	150.0	150.0	150.0
Sioux	1.4	1.2	1.1	375.0	495.0	440.0
Northwest District	60.0	42.0	38.0	1,274.0	1,450.0	1,400.0
Butler	1.3	1.1	1.0	145.0	140.0	110.0
Cerro Gordo	1.6	1.3	1.3	106.0	93.0	115.0
Floyd	1.7	1.3	1.2	101.0	94.0	68.0
Franklin	6.1	4.8	4.6	272.0	235.0	245.0
Hancock	4.2	3.4	3.3	33.0	27.0	19.5
Humboldt	11.2	1.6	1.5	48.0	51.0	42.0
Kossuth	2.6	2.1	2.0	224.0	320.0	295.0
Mitchell	2.5	2.1	2.0	331.0	395.0	350.0
Winnebago	1.1	.9	.9	30.0	33.0	29.5
Worth	1.9	1.2	1.1	25.0	41.0	28.5
Wright	1.8	1.2	1.1	50.0	71.0	47.5
North Central District	36.0	21.0	20.0	1,365.0	1,500.0	1,350.0
Allamakee	1.0	.5	.5	15.0	58.0	50.0
Black Hawk	1.9	1.3	1.4	120.0	130.0	105.0
Bremer	1.6	2.1	2.3	55.0	69.0	60.0
Buchanan	2.3	1.6	1.7	107.0	120.0	62.0
Chickasaw	1.3	.7	.8	154.0	155.0	155.0
Clayton	3.4	1.6	1.7	84.0	140.0	125.0
Delaware	.9	.4	.5	98.0	63.0	100.0
Dubuque	.4	.6	.6	88.0	71.0	38.0
Fayette	1.0	1.0	1.1	195.0	250.0	115.0
Howard	1.6	1.3	1.4	103.0	130.0	85.0
Winneshiek	2.6	1.9	2.0	57.0	164.0	105.0
Northeast District	18.0	13.0	14.0	1,076.0	1,350.0	1,000.0
Audubon	2.4	1.9	1.8	86.0	64.0	81.0
Calhoun	8.2	4.0	3.9	80.0	73.0	75.0
Carroll	.7	.8	.8	35.0	18.5	20.0
Crawford	2.9	2.1	2.0	131.0	110.0	110.0
Greene	4.0	3.7	3.6	40.0	6.5	7.1
Guthrie	3.4	1.6	1.5	82.0	105.0	100.0
Harrison	1.1	1.0	1.0	8.0	7.2	7.6
Ida	3.0	2.0	1.9	13.2	14.0	14.5
Monona	1.9	1.3	1.2	8.8	8.8	9.3
Sac	3.4	2.5	2.4	90.0	100.0	105.0
Shelby	1.9	1.5	1.5	33.0	33.0	30.0
Woodbury	6.1	4.6	4.4	14.0	10.0	10.5
West Central District	39.0	27.0	26.0	621.0	550.0	570.0
Boone	1.9	2.6	2.4	235.0	245.0	215.0
Dallas	.5	.4	N/A	146.0	185.0	150.0
Grundy	22.0	24.5	22.5	37.0	32.5	29.5
Hamilton	.8	.8	.7	50.0	72.0	50.0
Hardin	.7	.8	.8	225.0	76.0	45.5
Jasper	1.9	1.7	1.6	68.0	61.0	60.0
Marshall	1.6	1.3	1.2	60.0	76.0	43.0
Polk	.6	.9	.8	10.0	4.5	9.0
Poweshiek	2.1	1.7	1.6	83.0	68.0	51.0
Story	2.8	2.4	2.2	101.0	110.0	92.0
Tama	1.6	1.4	1.3	130.0	130.0	120.0
Webster	.5	.5	.5	696.0	840.0	885.0
Central District	37.0	39.0	36.0	1,841.0	1,900.0	1,750.0
Benton	3.1	2.4	2.1	34.0	46.0	32.5
Cedar	5.6	3.5	3.1	40.0	31.0	30.0
Clinton	1.2	1.0	.9	89.0	67.0	45.5
Iowa	6.0	3.5	3.1	32.0	40.5	29.0
Jackson	.9	.7	.6	70.0	91.0	63.0
Johnson	12.4	10.5	9.3	380.0	165.0	120.0
Jones	3.3	1.3	1.2	17.0	16.5	11.5
Linn	1.7	1.1	.9	67.0	73.0	50.0
Muscatine	1.9	1.1	1.0	14.0	12.0	8.5
Scott	.9	.9	.8	68.0	88.0	60.0
East Central District	37.0	26.0	23.0	811.0	630.0	450.0
Adair	5.6	4.2	3.7	21.0	12.5	13.0
Adams	1.2	1.3	1.2	6.0	5.9	6.1
Cass	5.1	5.3	4.7	13.0	8.1	8.5
Fremont	.4	N/A	N/A	2.7	2.3	2.3
Mills	.7	N/A	N/A	3.8	3.4	3.6
Montgomery	2.6	1.5	1.3	8.5	7.6	7.9
Page	.8	.8	.7	12.0	9.2	9.6
Pottawattamie	2.0	1.6	1.4	56.0	42.0	43.5
Taylor	2.6	2.7	2.4	28.0	34.0	35.5
Southwest District	21.0	18.0	16.0	151.0	125.0	130.0
Appanoose	6.5	3.8	3.5	2.9	2.0	2.2
Clarke	1.0	.8	.7	4.5	4.2	4.3
Decatur	1.1	.8	.7	2.6	2.3	2.4
Lucas	4.2	4.2	3.9	22.0	25.4	18.5
Madison	2.0	1.5	1.4	58.0	20.5	24.5
Marion	5.1	5.6	5.1	94.7	89.6	64.0
Monroe	5.3	2.8	2.6	17.3	14.0	13.5
Ringgold	1.2	1.0	.9	6.0	14.5	10.0
Union	.9	.6	.6	3.3	1.6	2.1
Warren	1.2	.9	.8	60.0	42.5	145.0
Wayne	4.5	2.0	1.8	8.7	9.0	13.5
South Central District	33.0	24.0	22.0	280.0	225.0	300.0
Davis	2.4	3.0	2.7	33.0	56.0	63.0
Des Moines	1.0	.9	.8	28.0	30.0	33.5
Henry	4.2	4.7	4.2	74.0	54.0	23.0
Jefferson	18.2	2.6	2.4	8.6	7.4	8.0
Keokuk	7.5	5.9	5.3	64.0	35.0	75.0
Lee	2.5	2.5	2.3	40.0	16.5	12.0
Louisa	1.3	.8	.7	7.6	3.4	3.2
Mahaska	2.0	2.0	1.8	252.0	240.0	190.0
Van Buren	3.1	2.0	1.8	6.8	6.7	7.3
Wapello	1.9	.9	.8	108.6	135.0	130.0
Washington	3.9	4.7	4.2	109.0	86.0	205.0
Southeast District	48.0	30.0	27.0	731.0	670.0	750.0
State	329.0	240.0	222.0	8,150.0	8,400.0	7,700.0

r/Revised
e/Estimated
Source: Iowa Crop and Livestock Reporting Service.

Iowa is surprisingly industrial

Since Iowa is often considered an agricultural state, many people do not realize industry generates about three times as much in total revenue as does agriculture.

Because Iowa workers are among the most highly educated and are more productive than the national average, capital intensive, well-paying industries are attracted to the state. Nearly 140 of *Fortune's* "Top 500" companies have manufacturing plants in Iowa.

INDUSTRIAL DEVELOPMENT ACTIVITY IN IOWA

	New Industry		Expansions		Totals	
	Number	Capital Investment (000)	Number	Capital Investment (000)	Number	Capital Investment (000)
1971	50	56,097	119	52,394	169	108,491
1972	75	71,346	181	122,733	256	194,079
1973	98	202,801	277	322,477	375	525,278
1974	88	85,268	227	275,919	315	361,187
1975	61	88,135	125	183,982	186	272,117
1976	75	58,884	156	318,343	231	377,227
1977	75	59,732	113	321,821	188	381,553
1978	75	72,603	130	398,414	205	471,017
1979	100	275,096	176	491,709	276	766,805
1980	87	410,920	144	233,974	231	644,894
10 yr. Totals	784	1,380,882	1,648	2,721,766	2,432	4,104,648

Source: Industrial Development Division, Iowa Development Commission.

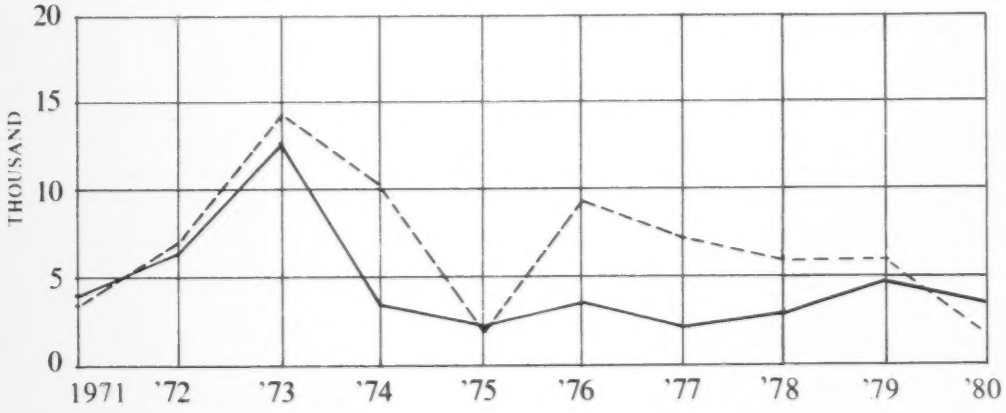
workers are 21% better

Compared to the average American production worker, Iowans are 21 percent more efficient. They put in the equivalent of 63 weeks a year, or 48 hours a week, when stacked against the national average.

This means the typical Iowa worker produces $8,535 more value per year than his average counterpart throughout America.

Iowa workers work.

NEW JOBS CREATED IN MANUFACTURING



NEW INDUSTRY ---------- PLANT EXPANSIONS

10 YR. TOTALS - NEW INDUSTRY	43,698
PLANT EXPANSIONS	67,639
TOTAL	111,337

Source: Industrial Development Division, Iowa Development Commission.

Check the advantages of locating facilities in Iowa. Each year new factors conducive to growth and expansion are added to Iowa's growing list of industrial advantages.

industrial revenue bonds 1979

Iowa law permits city and county governments to authorize revenue bonds for up to $10 million, for buildings, buying land and equipping plants. Table shows bonds issued, 1975 through 1979.

City	Amount ($000)	Employment Initial
1975		
Boone	4,600	B
Cedar Falls	900	B
Centerville	2,300	C
Cresco	1,500	B
Eldora	600	A
Fort Dodge	2,000	E
Fort Madison	1,500	B
Glenwood	760	C
Grinnell	1,000	C
Hartley	3,500	A
Hudson	2,200	B
Keokuk	1,000	N/A
Knoxville	700	B
Ottumwa	350	D
Parkersburg	700	A
West Des Moines	1,000	N/A
1976		
Ackley	1,400	C
Ankeny	350	B
Belle Plaine	400	B
Cedar Rapids	700	B
Clear Lake	3,000	E
Council Bluffs	2,000	A
Council Bluffs	1,000	E
Creston	700	B
Denison	570	N/A
Des Moines	3,000	B
Keokuk	3,000	D
Knoxville	11,000	C
Maquoketa	550	C
Maquoketa	400	A
Maquoketa	500	B
Marcus	600	A
Mason City	1,200	D
Mt. Pleasant	900	D
Muscatine	1,000	C
Ottumwa	350	A
Red Oak	2,000	C
Rock Rapids	210	A
Spirit Lake	160	A
Vinton	1,000	B
Washington	1,200	C
Webster City	200	C
W. Des Moines	400	B
West Union	700	C
1977		
Ackley	1,400	C
Ankeny	1,400	D
Belle Plaine	600	B
Boone County	330	B
Cedar Rapids	1,000	N/A
Chariton	1,500	B
Council Bluffs	400	A
Council Bluffs	2,300	C
Council Bluffs	1,560	B
Davenport	2,500	A
Davenport	850	C
Davenport	1,000	D
Dyersville	1,800	A
Eagle Grove	400	C
Eldridge	500	B
Fairfield	1,600	A
Fort Dodge	1,000	N/A
Gilman	1,100	B
Grinnell	1,000	A
Keokuk	1,000	A
Mason City	1,000	A
Mt. Pleasant	1,000	C
Ottumwa	270	B
Polk County	700	A
Sheffield	500	A
Sioux City	650	B
Sioux City	500	A
Sioux City	950	E
Sioux City	2,100	A
Spirit Lake	700	B
Urbandale	750	E
Webster City	250	A
West Des Moines	1,700	B
West Des Moines	400	A
West Des Moines	850	B
1978		
Ames	450	A
Ankeny	2,200	A
Ankeny	500	A
Ankeny	750	A
Burlington	700	A
Camanche	202	A
Cedar Falls	300	A
Centerville	2,300	D
Clarion	3,000	D
Corning	900	C
Council Bluffs	100	A
Council Bluffs	325	A
Creston	1,500	A
Dakota City	500	B
Davenport	1,500	B
Davenport	1,300	A
Donahue	1,200	A
Eldridge	3,100	B
Eldridge	1,450	B
Hancock County	1,000	D
Harlan	1,000	D
Houghton	1,000	B
Johnston	1,000	A
Keokuk	1,000	D
Keokuk	1,000	A
Keokuk	1,000	C
Lineville	1,000	A
Maquoketa	375	B
Mason City	2,200	A
Mason City	800	B
Mount Pleasant	700	B
Muscatine	1,000	B
Osceola	1,250	B
Ottumwa	500	D
Polk County	450	A
Polk County	400	A
Polk County	450	A
Polk County	300	A
Red Oak	150	A
Reinbeck	1,000	A
Spencer	1,000	D
Spencer	140	A
Spencer	200	A
Victor	1,000	B
Vincent	225	A
Waverly	500	B
West Union	450	B
Williamsburg	2,400	C
Wilton	1,250	B
1979		
Adair	670	B
Albia	265	A
Algona	1,000	A
Alton	300	A
Bettendorf	600	B
Boone	2,100	A
Burlington	700	A
Camanche	300	A
Camanche	100	A
Cedar Rapids	275	A
Cedar Rapids	997.5	C
Cedar Rapids	1,000	A
Cerro Gordo County	1,000	A
Cherokee	1,000	B
Clinton	600	B
Council Bluffs	1,100	A
Davenport	750	B
Davenport	500	A
Davenport	1,000	A
Davenport	500	A
Decorah	700	C
Des Moines	1,900	A
Des Moines	7,000	N/A
Des Moines	1,000	N/A
Dubuque County	1,000	B
Dubuque	410	A
Fairfield	900	C
Fairfield	175	A
Fremont	210	A
Hancock County	3,500	A
Jasper County	600	A
Keosauqua	1,400	B
Kossuth County	800	A
Kossuth County	600	A
LeMars	1,500	A
Lineville	200	A
Mason City	6,000	E
Marion	600	A
McGregor	1,500	A
Milford	800	C
Mount Pleasant	1,900	A
Mount Pleasant	356	B
Muscatine	2,800	B
Muscatine	1,300	C
Northwood	210	A
Oakland	3,500	D
Osage	1,500	B
Osceola	450	B
Oskaloosa	950	B
Polk County	450	A
Polk County	400	A
Polk County	550	A
Polk County	510	A
Red Oak	5,500	C
Sac City	725	A
Sioux City	480	A
Somers	1,200	A
Superior	300	A
Urbandale	525	A
Waukee	700	A
Waterloo	3,000	A
Waterloo	600	B
Waterloo	1,000	A
West Des Moines	1,500	A
1979 Total	75,058.5	

N/A - Not Available

'Employment Code A=1-20, B=21-50, C=51-100, D=101-250, E=251-500, F=501-1,000, G=Over 1,000.

Source: Industrial Development Division, Iowa Development Commission.

Iowa gives tax break for pollution control

Iowa law includes revenue bond financing for pollution control facilities. Under Internal Revenue regulations, such bonds are tax-free for the investor. Table shows bonds issued, 1975 through 1979.

City	Amount ($000)
1975	
Keokuk	5,420
West Des Moines	750
1976	
Boone	2,200
Council Bluffs	450
Keokuk	1,440
Lansing	1,000
Lansing	5,600
Marshalltown	7,000
Mason City	4,530
Muscatine	13,900
Salix	18,000
1977	
Cedar Rapids	900
Chillicothe	10,000
Council Bluffs	3,150
Council Bluffs	1,575
Council Bluffs	1,585
Council Bluffs	12,750
Council Bluffs	18,000
Council Bluffs	1,000
Fort Dodge	980
Fort Madison	12,000
Keokuk	3,500
Salix	2,375
Salix	8,000
Salix	7,150
Salix	4,000
1978	
Chillicothe	5,900
Council Bluffs	2,730
Hancock County	1,270
Pleasant Hill	1,270
Pleasant Hill	1,000
1979	
Clinton	6,650
Hancock County	180
Independence	1,000
Lisbon	190

Source: Industrial Division, Iowa Development Commission.

trouble getting credit? IOWA helps

The Iowa Business Development Credit Corporation is set up to finance sound Iowa business enterprises that might be unable to get reasonable financing elsewhere. Table shows Iowa's good record.

(Dollars in 000)

BDC	# of New Loans	New Loans Gross $ Amount	Total # of Loans Outstanding	Loans Outstanding Net $ *Amount	Net Loan Charge Off During 1979
Arkansas	5	$1,170	17	$ 3,853	00
Florida	13	2,163	47	6,499	70
Georgia	10	1,193	22	2,529	00
Iowa	10	2,225	46	3,817	35
Kansas	16	8,804	46	5,717	03
Kentucky	5	2,200	19	4,143	148
Maryland	8	2,243	53	5,270	00
Massachusetts	11	2,910	35	5,327	00
Missouri	30	5,348	56	6,870	00
Montana	0	0	7	415	00
Nebraska	6	645	23	1,589	00
New Hampshire	7	1,079	22	1,949	00
New York	22	6,096	139	17,464	323
North Carolina	4	1,060	41	7,540	(10)
North Dakota	9	1,166	17	2,186	00
Oklahoma	4	610	11	1,567	00
Pennsylvania	9	2,455	17	2,273	(79)
Southeastern Pennsylvania	4	1,035	28	4,775	(8)
Western Pennsylvania	6	1,553	22	2,996	171
Rhode Island	0	0	18	2,055	00
South Carolina	4	475	17	1,372	68
Wyoming	17	9,280	42	4,357	00

Amount = Net of participations used since gross amount was not available.
Source: National Association of Business Development Corporations.

135 of top 500 have 315 plants in Iowa

Company	Rank	Company	Rank	Company	Rank	Company	Rank
AMAX	166	Eltra Corp.	254	Kerr-McGee Corp.	142	Standard Brands Inc.	123
AMF	214	Emerson Electric Co.	137	Kidde, Walter & Co., Inc.	151	Standard Oil of California	6
Air Products & Chemical	252	Esmark, Inc.	38	Koehring Co.	473	Standard Oil of Indiana	12
Aluminum Co. of America	65	Ethyl Corp.	200	LTV Corp.	42	Sundstrand Corp.	316
American Can Co.	66	Ex-CELL-O Corporation	319	Land O'Lakes, Inc.	194	Sybron Corp.	359
American Chain & Cable	452	FMC Corp.	97	Lear Siegler, Inc.	234	TRW Inc.	70
American Cyanamid Co.	102	Farm Land Industries, Inc.	91	Libby-Owens-Ford Co.	245	Talley Industries, Inc.	480
American Home Products	94	Federal Co.	328	Liggett Group, Inc.	277	Tenneco, Inc.	19
American Standard	140	Firestone Tire & Rubber	48	Thomas J. Lipton	258	Textron Inc.	89
Amsted Industries	330	Fruehauf Corp.	131	Litton Industries, Inc.	72	Trane Co.	381
Anderson, Clayton & Co.	282	Gannett Co., Inc.	335	MAPCO, Inc.	382	Union Carbide Corp.	21
Archer Daniels Midland Co.	154	General Electric Co.	8	Martin Marietta Corp.	165	Uniroyal, Inc.	103
ARMCO Steel	54	General Foods Corp.	41	Mead Corp.	127	United Brands Co.	105
Associated Milk Producers, Inc.	163	General Mills, Inc.	86	Minnesota, Mining & Manufacturing Co.	50	United States Gypsum Co.	202
Beatrice Foods Co.	31	General Motors	1	Monsanto Co.	45	United States Steel Corp.	15
Bendix Corporation	75	Georgia-Pacific Corp.	53	Motorola, Inc.	132	Upjohn Co.	211
Borden, Inc.	68	Getty Oil	79	National Distillers & Chemical Corp.	191	Jim Walter Corp.	169
Borg-Warner Corp.	126	Goodyear Tire & Rubber Co.	22	National Gypsum Co.	275	Western Electric	17
Butler Mfg. Co.	475	Gould, Inc.	152	North American Philips Corp.	136	Westinghouse Electric Corp.	29
Campbell Taggart, Inc.	279	W. R. Grace & Co.	59	Occidental Petroleum Corp.	33	Weyerhaeuser Co.	69
Carnation Co.	110	Greyhound Corp.	55	Oscar Mayer & Co., Inc.	208	Wheelator Frye, Inc.	302
Caterpillar Tractor Company	24	Gulf & Western Industries, Inc.	58	Pepsico, Inc.	60	White Consolidated Industries, Inc.	180
Central Soya Co., Inc.	133	Harnischfeger Corp.	433	Pfizer Inc.	121	Witco Chemical Corp.	313
Champion International	74	Harsco Corp.	294	Phillips Petroleum Co.	26		
Champion Spark Plug	333	H. J. Heinz, Co.	138	Procter & Gamble Co.	20		
Chromalloy American Corp.	203	Hoover Universal, Inc.	423	Quaker Oats Co.	176		
Coca Cola Co.	56	Geo. A. Hormel & Co.	221	Ralston Purina Co.	64		
Con Agra, Inc.	394	Houdaille Industries, Inc.	479	Raytheon Co.	88		
Consolidated Foods Corp.	78	IC Industries, Inc.	106	Rexnord, Inc.	287		
Continental Group	67	International Harvester	28	Rockwell International	37		
Crane Co.	223	International Multifoods Corp.	291	St. Regis Paper Co.	128		
Dart Industries	161	International Paper Co.	62	G. D. Searle & Co.	288		
Dayco Corp.	348	International Telephone & Telegraph Corp.	11	Shellar-Globe Corp.	366		
Deere & Co.	61	Iowa Beef Processors, Inc.	96	Signal Companies	76		
Dow Chemical Co.	27	Johns-Manville Corp.	182	Sperry Rand Corp.	73		
Dresser Industries, Inc.	95	Kaiser Aluminum & Chemical Corp.	113	Square D Co.	320		
E. I. DuPont DeNemours & Co.	16	Kane-Miller Corp.	266	A. E. Stanley Mfg. Co.	224		
Eaton Corp.	101						

Source: Fortune Magazine's annual listing of 500 largest manufacturers ranked by sales.

Iowa towns can get a million-dollar surge from 100 new industrial jobs

When a new factory comes to town, the economy snowballs. The total community payroll increases, the plant buys manufacturing materials and services, and its people buy the domestic things they need.

No one has nailed down the *exact* economic impact, but this study gives a pretty good idea.

Changes Between 1960 and 1970 in Counties Which Industrialized and Counties Which Did Not Industrialize

	Changes in Counties which Industrialized	Changes in Counties which did not Industrialize*	Net Change between two Groups of Counties	Net Change per Increase of 100 Manufacturing Employees
Population	+56,796	-23,989	+80,785	+351
Families	+19,642	-2,610	+22,252	+97
School Enrollment	+18,080	-16	+18,096	+79
Personal Income**	+$562,427,000	+$324,109,000	+$238,318,000	+$1,036,000
Retail Establishments***	+372	+158	+214	+1
Retail Sales***	+$241,143,000	+$111,147,000	+$129,996,000	+$565,000
Bank Deposits	+$276,962,000	+$164,200,000	+$112,762,000	+$490,000
Employment in:				
Manufacturing	+25,677	+2,677	+23,000	+100
Wholesale & Retail Trade	+7,353	+2,485	+4,868	+21
Professional and Related Services	+10,812	+6,870	+3,942	+17
Transportation, Communication and other Public Utilities	+2,791	+276	+2,515	+11
Finance, Insurance and Real Estate	+1,900	+585	+1,315	+6
Business and Personal Services	+436	-682	+1,118	+5
Construction	+2,428	+1,761	+667	+3
Agriculture, Mining and Industry not Reported	-16,929	-18,210	+1,281	+5
Total, All Industries	+34,468	-4,238	+38,706	+168

* Actual changes in these counties multiplied by 2.32 to compensate for smaller population and employment in the group of counties which did not industrialize.
** Change in personal income is from 1959 to 1969.
*** Change in retail establishments and retail sales is from 1958 to 1967.

Changes Between 1960 and 1970 in Metropolitan Areas with Greater and Lesser Employment Growth

	Metropolitan areas with greater employment growth	Metropolitan areas with lesser employment growth*	Net change between two groups of areas	Net change per 100 increase in employment
Employment (manufacturing and nonmanufacturing)	+5,690,652	+2,000,430	+3,690,222	+100
Population	+12,519,000	+3,461,000	+9,058,000	+245
Families	+3,533,540	+971,171	+2,562,369	+69
School enrollment	+6,012,287	+3,069,701	+2,942,586	+80
Personal income**	+$112,598,000,000	+$80,425,000,000	+$32,173,000,000	+$872,000
Retail establishments***	+42,969	31,882	+74,851	+2
Retail sales***	+$37,193,000,000	+$22,612,000,000	+$14,581,000,000	+$395,000
Bank deposits	+$54,984,000,000	+$37,252,000,000	+$17,732,000,000	+$481,000

* Actual change in these areas multiplied by 1.23 to compensate for smaller total 1960 population in the group of areas with lesser employment growth.
** Change in personal income is from 1959 to 1969.
*** Change in retail establishments and retail sales is from 1958 to 1967.

Source: Chamber of Commerce of The United States, 1973

open port warehousing favors distribution

You can move goods into an Iowa warehouse, divide them, repackage them, label them—all without paying any property tax so long as the goods are destined for final delivery outside Iowa.

This is a tremendous advantage to a distributor of, say, consumer goods who ships to major geographic areas in bulk, but breaks shipments into smaller units for delivery into more limited market areas.

Iowa tops production value per worker

	1960	1965	1970	1975	1976	1977
Iowa	$14,076	$19,005	$25,046	$44,001	$47,552	$51,269
Minnesota	15,129	19,621	24,312	37,607	39,929	44,008
Kansas	15,224	19,056	24,805	36,159	40,092	44,214
Illinois	14,914	18,858	24,089	39,225	43,718	46,948
Nebraska	13,892	18,169	24,950	38,254	42,664	45,957
Missouri	13,468	17,065	22,293	34,347	38,348	42,640
Wisconsin	13,762	16,924	21,885	35,403	40,198	43,729
South Dakota	12,170	14,827	19,025	26,488	30,301	37,103
Indiana	14,134	18,218	22,197	34,696	40,102	43,374
Ohio	15,155	19,082	23,544	37,201	42,449	46,900
Midwest Average[1]	14,079	17,941	23,301	36,436	40,350	44,614
United States Average	13,431	17,355	22,193	35,065	39,188	42,734

[1]Average is simple average rather than weighted average of the ten state area including Iowa.
Source: 1978 Annual Survey of Manufactures, U.S. Department of Commerce, Bureau of The Census.

Iowa's value-added-per-payroll-dollar ranks high[1]

	1960	1965	1970	1975	1976	1977
Iowa	$1.97	$2.16	$2.22	$2.58	$2.60	$2.58
Minnesota	1.90	2.03	1.94	1.96	2.18	1.97
Kansas	2.06	2.25	2.32	2.48	2.49	2.51
Illinois	1.85	2.02	1.94	2.06	2.14	2.14
Nebraska	2.02	2.31	2.58	2.68	2.73	2.54
Missouri	1.92	1.95	1.92	2.08	2.20	2.23
Wisconsin	1.83	1.93	1.91	2.14	2.25	2.27
South Dakota	1.92	2.02	1.91	2.24	2.28	2.45
Indiana	1.89	2.09	1.97	2.04	2.08	2.16
Ohio	1.69	1.95	1.88	2.02	2.11	2.10
Midwest Average[2]	1.93	2.08	2.09	2.28	2.36	2.29
United States Average	1.96	1.99	1.96	2.10	2.40	2.20

[1]Payroll of all employees.
[2]Average is a simple average rather than a weighted average of ten state area including Iowa.
Source: 1978 Annual Survey of Manufactures, U.S. Department of Commerce, Bureau of The Census.

Iowa industrial statistics

1976

Ind Code	Industry groups and Standard metropolitan statistical area, county, and city	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	Capital expenditures new (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Man-hours (millions)	Wages (million dollars)					
	Iowa	231.1	2,994.8	164.0	312.8	1,910.3	7,798.6	13,126.6	20,772.3	709.5	2,698.1
20	Food and Kindred Products	43.5	606.5	30.7	62.0	419.9	1,669.3	7,389.3	9,020.0	150.1	448.1
201	Meat Products	22.4	337.1	17.9	36.3	268.4	657.6	4,534.4	5,195.0	27.9	130.6
2011	Meatpacking Plants	19.6	309.3	15.4	31.2	246.0	558.7	4,234.9	4,800.5	24.6	90.6
202	Dairy Products	3.1	37.2	2.1	4.3	22.0	128.4	515.2	635.3	6.5	30.1
204	Grain Mill Products	9.9	137.6	6.0	12.0	79.8	532.8	1,141.8	1,671.9	85.8	115.9
2048	Prepared Feeds, Nec	3.9	44.3	1.6	3.6	16.0	150.6	405.0	554.8	7.2	27.9
22	Textile Mill Products	.4	2.7	.4	.8	1.9	5.1	4.3	9.4	.1	1.9
23	Apparel, Oth. Textile Prods	3.7	25.5	3.2	6.2	18.1	38.2	37.9	76.2	1.4	13.4
24	Lumber and Wood Products	4.9	47.1	4.2	7.6	36.0	97.9	127.6	230.1	5.6	31.0
243	Millwork, Plywood, Struc. Membs	2.8	29.3	2.4	4.5	22.5	53.2	60.2	117.6	3.2	16.0
25	Furniture and Fixtures	2.8	38.9	2.1	4.0	23.7	83.3	77.2	158.1	4.2	22.3
26	Paper and Allied Products	4.5	52.7	3.5	7.2	37.3	142.4	216.5	354.0	23.4	45.3
27	Printing and Publishing	14.1	158.3	8.6	15.9	79.2	360.5	225.8	582.7	33.2	47.2
2711	Newspapers	5.2	57.4	2.9	5.3	25.4	127.9	35.9	163.8	9.4	4.8
275	Commercial Printing	3.7	32.7	2.8	5.0	20.4	58.5	36.8	95.5	(D)	13.8
28	Chemicals, Allied Products	6.0	84.6	3.8	7.4	45.3	926.9	632.7	1,564.5	85.0	136.8
29	Petroleum and Coal Products	.3	3.0	.2	.5	2.1	7.7	10.7	18.6	(Z)	1.1
30	Rubber, Misc. Plastics Prod	11.5	130.4	9.2	15.0	93.8	384.4	327.5	716.4	30.1	94.7
3079	Miscellaneous Plastics Products	5.6	63.7	4.5	7.9	45.6	163.8	143.0	303.1	20.6	31.1
31	Leather, Leather Products	1.0	8.5	.8	1.5	5.8	12.5	9.3	21.5	.7	6.2
32	Stone, Clay, Glass Products	8.0	89.6	6.6	13.0	68.0	243.5	274.0	512.1	31.8	52.4
327	Concrete, Gypsum, Plaster Prods	4.5	51.0	3.6	7.5	37.0	132.1	149.4	280.6	14.1	13.4
3273	Ready-Mixed Concrete	2.7	27.2	2.0	3.7	18.6	70.3	100.3	170.8	11.1	3.8
33	Primary Metal Industries	7.7	109.7	6.0	11.6	80.6	280.2	443.0	666.1	41.8	218.1
332	Iron and Steel Foundries	2.6	36.0	2.0	3.6	26.1	59.0	68.3	127.7	12.7	10.5
34	Fabricated Metal Products	18.6	214.7	13.2	24.6	129.9	470.9	360.5	822.6	37.3	178.2
344	Fabricated Struc. Metal Prods	6.4	65.3	5.1	9.8	45.6	141.5	148.4	281.2	6.1	71.0
349	Misc. Fabricated Metal Products	6.1	86.8	3.6	6.6	44.7	189.8	108.5	296.2	8.1	69.8
3494	Valves and Pipe Fittings	4.1	61.4	2.4	4.5	33.2	129.4	67.7	192.7	6.9	50.7
35	Machinery, Except Electric	57.1	858.7	41.4	78.6	581.7	1,894.1	1,934.4	3,826.4	191.7	980.0
352	Farm and Garden Machinery	26.2	398.3	19.5	36.6	280.4	980.1	933.1	1,920.0	53.3	437.9
353	Construction, Related Machinery	18.0	287.9	12.7	24.0	192.1	573.4	661.0	1,243.7	86.6	376.9
3531	Construction Machinery	16.7	271.8	11.8	22.4	183.0	547.1	622.9	1,178.4	83.0	360.6
36	Electric, Electronic Equip	24.4	285.0	16.9	31.5	177.1	741.5	566.6	1,284.7	57.5	237.3
363	Household Appliances	6.8	76.7	5.3	9.8	57.0	268.8	249.4	509.1	39.7	64.5
367	Electronic Components, Access	3.5	29.5	3.0	6.0	22.1	59.1	40.1	100.1	2.3	13.2
37	Transportation Equipment	9.1	98.1	7.0	13.6	60.0	239.7	375.2	597.7	6.2	116.6
371	Motor Vehicles and Equipment	8.5	90.1	6.7	13.1	56.6	226.4	367.6	576.0	(D)	109.3
3713	Truck and Bus Bodies	5.1	50.1	4.0	7.7	28.1	122.9	245.0	352.2	(D)	73.8
38	Instruments, Related Prods	2.2	24.7	1.5	2.8	13.6	47.7	18.2	64.3	2.5	16.6
39	Misc. Manufacturing Indus	6.4	59.6	4.8	8.8	36.3	152.7	95.7	247.0	7.0	50.9
394	Toys and Sporting Goods	3.1	26.4	2.3	3.9	15.3	72.7	43.8	116.8	4.6	25.7
—	Administrative and Auxiliary	9.7	96.6	—	—	—	—	—	—	—	—
Iowa		231.1	2,994.8	164.0	312.8	1,910.3	7,798.6	13,126.6	20,772.3	709.5	2,698.1
Standard Metropolitan Statistical Areas											
Cedar Rapids, Iowa		28.2	377.1	16.7	32.5	206.0	867.1	1,361.2	2,200.4	91.1	362.0
Davenport-Rock Island-Moline, Iowa—Ill.		45.7	707.0	32.2	60.4	449.7	1,469.9	2,261.7	3,676.1	161.8	707.4
Des Moines, Iowa		27.1	355.3	17.2	30.9	190.0	828.7	1,239.1	2,054.6	44.8	259.0
Dubuque, Iowa		15.3	236.7	11.0	22.0	159.8	433.3	789.4	1,248.8	36.9	211.5
Omaha, Nebr.—Iowa		33.7	403.1	23.4	44.0	253.2	1,123.3	2,582.6	3,687.9	74.9	346.1
Sioux City, Iowa—Nebr.		11.2	144.1	7.9	15.9	94.2	299.4	1,818.4	2,120.5	17.1	100.1
Waterloo-Cedar Falls, Iowa		19.9	307.7	14.4	26.8	215.5	625.3	783.0	1,425.2	67.0	234.7
Counties											
Black Hawk		19.9	307.7	14.4	26.8	215.5	625.3	783.0	1,425.2	67.0	234.7
Clinton		7.2	89.6	5.5	10.4	63.6	319.7	435.9	755.4	29.0	96.8
Des Moines		6.8	86.1	4.7	8.9	52.3	243.7	189.6	432.9	13.0	51.9
Dubuque		15.3	236.7	11.0	22.0	159.8	433.3	789.4	1,248.8	36.9	211.5
Jasper		5.2	64.7	3.4	6.1	37.6	209.5	141.6	350.1	29.3	38.9
Lee		7.1	86.1	5.3	10.3	58.3	293.0	384.4	675.3	87.5	93.6
Linn		28.2	377.1	16.7	32.5	206.0	867.1	1,361.2	2,200.4	91.1	362.0
Marshall		6.4	100.1	3.8	7.0	53.5	195.0	201.7	392.7	11.0	64.5
Muscatine		7.4	91.8	5.3	10.6	56.5	382.2	448.8	827.6	50.0	69.3
Polk		26.4	350.0	16.7	29.9	186.6	817.1	1,226.1	2,031.1	44.7	252.0
Scott		15.3	236.7	11.1	21.3	160.6	512.8	816.4	1,266.7	78.3	305.7
Places With 20,000 or More Employees											
Cedar Rapids		27.2	365.9	16.0	31.2	200.1	847.5	1,345.5	2,165.6	90.1	355.6

D withheld to avoid disclosing figures for individual companies.

The publication of "all industries" totals at the county level is limited to the large industrial counties (those with over 5,000 manufacturing employees) which could be shown without disclosing figures for individual companies and for which a reliable estimate was obtained. The sample for the annual survey of manufactures was not designed to obtain reliable data for smaller counties.

The total value of shipments and cost of materials data for industry groups (2 and 3 digit) and a few individual industries (4 digit) include extensive duplication arising from shipments between establishments in the same industry classification.

Source: Annual Survey of Manufactures, U.S. Dept. of Commerce, Bureau of the Census.

Iowa industrial information (continued)

1972

Standard metropolitan statistical area, county, and city		1972										1967	
		Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages						
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
IOWA TOTAL		3,488	1,170	215.5	2,038.9	157.0	311.3	1,455.0	4,757.7	7,947.0	12,598.7	329.4	210.1	1,250.9
Standard Metropolitan Statistical Areas														
Cedar Rapids		192	70	22.2	224.0	14.2	29.0	129.0	471.4	742.7	1,202.8	22.5	28.1	421.8
Davenport-Rock Island-Moline		417	168	41.7	463.7	29.9	57.2	300.7	853.1	1,237.1	2,014.4	36.7	40.3	769.9
Portion in Illinois		252	103	26.6	295.8	18.8	35.2	184.2	545.9	712.6	1,192.3	15.6	33.1	517.3
Portion in Iowa /		166	65	15.2	168.0	11.1	22.6	116.5	307.3	524.5	822.1	21.1	16.3	252.6
Des Moines		409	149	26.9	271.1	18.0	34.5	162.7	569.8	835.2	1,386.8	24.0	25.4	391.8
Dubuque		111	43	15.0	166.1	13.2	22.1	118.6	348.8	531.3	865.3	10.8	12.4	261.5
Omaha		613	253	98.0	941.1	27.9	55.2	225.0	846.3	1,946.1	2,762.3	41.2	36.6	603.9
Portion in Iowa		72	25	3.3	23.7	2.7	5.4	16.8	75.4	219.9	293.7	4.1	2.0	23.1
Portion in Nebraska		541	228	94.7	917.4	25.2	49.8	208.2	770.9	1,726.2	2,468.6	37.1	34.6	580.7
Sioux City		158	62	10.5	85.7	7.7	15.8	57.2	186.2	1,067.9	1,263.1	11.1	9.2	117.2
Portion in Iowa		149	D	D	D	D	D	D	D	D	D	D	D	D
Portion in Nebraska		19	D	D	D	D	D	D	D	D	D	D	D	D
Waterloo-Cedar Falls		156	65	19.5	208.7	15.0	28.9	155.3	436.7	443.6	875.1	39.7	21.0	311.6
COUNTIES														
Adair	F3	10		Z	Z	Z	Z	1	5	5	9	1	Z	Z
Adams	F2	8		D	D	D	D	D	D	D	D	Z	D	D
Allamakee		25	9	1.0	6.1	9	1.7	4.8	18.0	59.0	73.7	4	5	5.5
Appanoose		24	10	1.1	6.2	9	1.9	4.8	19.8	15.5	45.0	2	1.0	13.9
Audubon		10	3	2	8	1	2	5	21	28	49	1	2	2.5
Benton		29	9	3	17	4	8	2.6	6.4	14.6	20.9	4	4	4.1
Black Hawk		156	65	19.5	208.7	15.0	28.9	155.3	436.7	443.6	875.1	39.7	21.0	311.6
Boone		40	16	8	5.2	8	1.0	1.4	10.6	8.9	19.7	2	6	5.3
Bremer		28	14	D	D	D	D	D	D	D	D	D	D	D
Buchanan		17	5	3	2.4	3	5	1.7	6.1	22.4	28.4	4	2	4.1
Buena Vista		41	9	D	D	D	D	D	D	D	D	D	D	D
Butler	F6	18	6	0.1	0.5	0.1	0.1	0.4	1.4	1.5	2.9	0.1	0.1	0.3
Calhoun		19	3	2	1.6	2	4	1.1	2.7	7.5	10.0	1	1	.8
Carroll	F3	28	9	3	2.2	2	5	1.3	5.1	7.2	12.2	1.4	3	2.8
Cass		16	7	3	2.8	2	4	1.0	5.8	7.1	12.9	5	2	4.3
Cedar	F1	23	2	2	1.8	2	4	1.3	5.1	8.0	13.0	2	2	4.0
Cerro Gordo		61	40	15	143.9	2.8	5.5	25.6	72.8	267.1	337.8	4.3	1.4	51.8
Cherokee		19	6	D	D	D	D	D	D	D	D	D	D	D
Chickasaw		18	8	3	6.3	6	1.3	4.9	19.8	63.9	83.3	D	3	4.7
Clarke	F1	7	3	2	1.2	2	4	.8	2.2	1.7	3.9	1	2	1.8
Clay		45	10	3	7.1	3	1.4	4.9	18.7	119.1	145.9	4	D	D
Clayton	F1	41	5	4	2.2	3	7	1.7	4.3	11.6	15.8	3	6	6.4
Clinton		86	28	8.6	63.5	5.1	10.6	45.6	121.5	230.1	381.1	14.1	6.1	100.4
Crawford		38	4	D	D	D	D	D	D	D	D	D	D	D
Dallas		27	11	D	D	D	D	D	D	D	D	D	1.0	11.4
Davis	F1	6	1	1	.6	1	2	.5	.9	.8	1.7	Z	1	.8
Decatur		6	2	D	D	D	D	D	D	D	D	D	D	D
Delaware		21	8	3	1.6	3	9	2.5	7.6	25.4	32.8	2.0	3	7.8
Des Moines		88	43	9.2	76.0	6.8	12.5	51.6	186.4	154.3	339.3	11.8	11.1	99.1
Dickinson		18	5	1.0	6.1	8	1.7	4.7	16.4	9.9	25.7	1.9	8	7.1
Dubuque		111	43	15.0	166.1	13.2	22.1	118.6	348.8	531.3	865.3	10.8	12.4	261.5
Emmet		18	7	1.4	11.6	1.1	2.1	9.9	26.3	136.2	161.1	1.1	D	D
Fayette		32	11	.8	6.2	.8	1.3	4.8	16.4	29.7	46.1	.7	.8	10.4
Floyd		25	6	D	D	D	D	D	D	D	D	D	D	D
Franklin		15	4	1	2.6	2	5	2.0	6.3	6.3	12.7	2	1	4.2
Fremont	F2	8	4	2	2.0	2	4	1.3	5.7	4.9	8.1	6	D	D
Greene		17	8	3	6.5	3	5.0	3.4	8.2	6.9	12.8	6	3	6.8
Grundy		20	8	3	4.6	3	5.1	3.0	10.6	12.4	23.2	1	1	4.6
Guthrie	F5	9	1	Z	.2	Z	1	.2	.5	.2	.8	Z	Z	.2
Hamilton	F1	18	15	3.7	12.3	3.1	2.6	8.9	26.2	61.2	87.6	2.5	1.1	11.6
Hancock		14	3	2	1.8	2	4	1.1	2.9	3.8	6.4	7	2	2.2
Hardin		35	12	3	6.3	3	5.4	4.5	12.6	34.5	107.0	6	8	13.7
Harrison	F4	10	1	1	.6	1	1	.4	1.4	2.0	3.6	1	1	1.0
Henry		17	6	1	4.2	5	1.2	3.3	13.7	12.2	25.9	4	5	6.1
Howard		16	2	2	1.5	2	3	1.1	4.8	20.7	25.5	4	2	2.9
Humboldt		21	7	1	2.7	1	3	1.7	5.6	7.8	13.4	6	4	4.8
Ida		14	3	2	1.7	2	4	1.2	4.7	6.4	10.9	3	2	1.9
Iowa		29	7	2.0	16.6	1.5	2.9	9.7	29.8	50.5	77.7	1.6	D	D
Jackson	F1	27	8	3	4.7	6	1.1	4.8	10.0	19.8	29.4	2	9	7.5
Jasper		63	34	4.8	46.5	3.2	6.1	29.0	161.6	92.9	255.4	4.9	4.6	101.1
Jefferson		17	10	1.4	9.5	1.0	1.8	6.4	18.7	20.6	38.9	.5	1.8	19.8
Johnson		51	16	2.3	18.0	1.6	3.1	12.2	140.3	82.1	222.6	5.7	2.2	102.5
Jones	F2	42	10	2	4.9	5	1.0	3.1	8.8	14.2	22.7	1.0	5	4.8
Keokuk		8	2	D	D	D	D	D	D	D	D	D	1	1.6
Kossuth		19	7	3	4.4	3	5	3.1	13.3	14.7	28.4	.8	5	5.8
Lee		64	25	6.2	53.3	4.6	9.3	36.2	132.0	168.1	298.5	10.0	6.6	99.0
Linn		192	70	22.2	224.0	14.2	29.0	129.0	471.4	742.7	1,202.8	22.5	28.1	421.8
Louisa		18	2	D	D	D	D	D	D	D	D	D	D	D
Lucas		12	2	3	2.3	3	5	1.8	4.6	2.7	7.1	1	4	2.3
Lyon	F1	13	1	1	.9	1	3	.7	2.4	1.1	3.5	1	1	1.5
Madison		8	1	D	D	D	D	D	D	D	D	D	Z	.3
Mahaska		30	11	1.4	9.1	1.0	2.0	5.8	22.9	30.6	53.3	1.8	1.1	13.6
Marion		25	7	1.8	14.5	1.6	3.1	11.2	24.7	27.3	51.2	2.5	1.4	15.4
Marshall		55	25	5.8	61.7	4.6	6.8	33.8	118.4	107.8	224.4	2.4	6.1	85.7
Mills		7	3	D	D	D	D	D	D	D	D	D	D	D
Mitchell	F1	12	6	1	.9	1	1	.3	1.0	1.0	2.0	Z	1	.7
Monona	F4	7		Z	.3	Z	1	.2	.6	.8	1.4	1	Z	.4
Monroe		13	4	4	2.4	3	7	1.7	4.5	4.4	9.1	1.0	.2	1.2
Montgomery		12	4	.8	5.7	.6	1.2	4.0	22.4	8.5	30.9	7	D	D
Muscatine		72	35	5.7	52.4	4.9	7.8	29.4	224.0	176.5	395.8	11.1	4.4	84.4
O'Brien		18	4	D	D	D	D	D	D	D	D	D	D	D
Osceola		10	6	4	2.3	3	6	1.7	4.7	23.0	27.6	3.8	D	D

See footnotes at end of table

Iowa industrial information (continued)

Standard metropolitan statistical area, county, and city		1972										1967	
		Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
		Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages						
		(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
COUNTIES—CONTINUED														
Page		25	8	8	5.5	5	1.0	3.2	14.8	16.1	30.6	6	5	6.0
Palo Alto	E5	13	4	2	1.1	1	2	.7	2.0	3.1	5.2	1	1	1.2
Plymouth	E2	19	7	6	5.2	5	7	2.4	9.6	68.2	77.7	6	6	5.5
Pocahontas		18	3	4	3.4	3	6	2.5	6.2	4.7	10.8	1	3	3.3
Polk		411	145	26.5	267.9	17.6	34.8	160.5	564.9	827.7	1,375.0	23.7	25.4	391.8
Pottawattamie		72	25	3.4	23.7	2.7	5.4	16.8	75.4	219.9	293.7	4.1	2.0	23.1
Poweshiek		28	11	1.1	8.8	.9	1.8	6.0	22.3	19.8	41.5	1.1	4	6.3
Ringgold	E2	6	1	1	.2	1	1	.2	.6	.3	.8	.2	(Z)	.2
Sac		19	5	4	2.9	3	6	1.7	5.8	6.2	12.4	.2	5	5.9
Scott		160	65	15.2	168.0	11.1	22.6	116.5	307.5	524.5	822.1	21.1	16.3	252.6
Shelby		14	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Sioux		49	16	1.4	10.2	1.1	2.3	6.7	25.0	71.0	95.5	1.6	1.1	8.7
Story		48	13	1.6	14.1	1.1	2.0	6.9	39.2	17.3	52.2	4.6	2.1	25.9
Tama		17	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2	4.4
Taylor		6	3	1	1.6	.2	.5	1.2	3.7	4.6	8.0	.3	.2	2.9
Union		13	4	6	4.1	4	9	2.8	11.4	7.3	18.6	.5	6	7.7
Van Buren		12	4	.2	1.2	.2	4	1.1	2.4	1.5	3.7	1	(D)	(D)
Wapello		36	17	5.1	56.6	3.8	7.8	40.9	86.4	235.5	330.2	3.7	5.3	80.0
Warren		28	4	4	3.2	4	7	2.2	4.9	7.5	11.8	.3	.2	2.5
Washington		30	8	9	7.7	7	1.4	4.6	16.8	42.1	47.6	1.1	5	4.4
Wayne	E1	14	5	.2	1.5	.2	.4	.9	4.1	3.3	6.2	.1	.2	1.8
Webster		59	25	4.8	45.3	2.9	5.9	26.3	82.3	227.7	307.8	6.4	4.5	77.4
Winnebago		28	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	15.8
Winneshiek		18	5	4	2.7	4	5	1.5	7.0	10.6	17.2	.3	4	3.5
Woodbury		149	56	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Worth	E1	7	1	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1	.4
Wright		26	8	6	4.7	4	8	2.7	16.4	95.2	111.1	1.1	7	10.7
CITIES WITH 450 OR MORE EMPLOYEES														
Algona		10	4	0.5	3.4	0.4	0.9	2.5	11.4	9.7	21.3	0.8	(NA)	(NA)
Ames		30	10	1.3	9.6	.9	1.7	5.8	21.7	13.1	35.3	(D)	1.8	21.5
Ankeny		15	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Bettendorf		28	14	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Boone		15	5	5	2.9	4	5	2.0	6.3	4.0	10.4	1	(NA)	(NA)
Burlington		57	32	8.9	75.5	6.6	12.0	49.8	176.4	149.4	325.5	10.7	(D)	(D)
Camanche		5	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Cedar Falls		32	14	1.5	13.1	1.0	1.9	8.3	23.1	16.5	39.0	.7	1.5	19.8
Cedar Rapids		156	66	21.9	221.9	14.0	28.6	127.5	467.1	736.5	1,192.4	22.1	28.1	419.1
Centerville	E1	18	8	(D)	(D)	(D)	(D)	(D)	(D)	**	(D)	(D)	9	13.6
Charles City		13	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Clinton		38	20	4.3	39.6	3.3	6.9	28.5	95.2	154.1	249.5	23.0	4.2	62.4
Council Bluffs		58	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.7	19.9
Davenport		117	48	9.9	103.0	7.1	13.9	69.1	209.3	287.3	495.7	11.0	9.8	140.2
Denison		14	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Des Moines		295	100	17.7	170.4	10.9	20.3	89.0	319.7	638.6	948.5	17.8	17.2	245.1
Dubuque		92	37	14.2	161.1	10.6	21.0	115.4	337.9	524.0	846.7	9.8	11.0	187.8
Dyersville		8	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Estherville		12	5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fairfield		15	10	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Forest City		12	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Fort Dodge		46	19	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2.5	36.4
Fort Madison		24	11	2.8	24.1	2.0	4.2	14.7	80.5	98.3	177.6	5.1	2.8	51.4
Grinnell		17	8	.9	7.5	.7	1.5	5.1	20.4	16.6	36.4	.9	(NA)	(NA)
Grundy Center		11	6	.5	3.2	.4	.8	2.1	7.0	7.2	13.9	.2	(NA)	(NA)
Iowa City		36	14	2.0	17.7	1.5	3.1	11.4	136.8	75.3	212.3	5.6	1.8	95.3
Jefferson		11	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Keokuk		42	14	3.3	28.5	2.6	5.1	21.2	50.5	68.6	118.6	4.8	3.4	42.4
Le Mars	E9	11	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	5.0
Maquoketa		10	1	.5	3.3	.4	.6	2.7	6.8	5.7	12.1	1	(D)	(D)
Marshalltown		47	23	5.7	60.8	3.5	6.6	33.4	116.5	103.0	217.6	2.4	6.0	84.8
Mason City		44	25	3.1	31.5	2.4	4.7	23.2	64.5	215.1	277.7	4.2	2.6	37.6
Monticello		20	7	.6	3.8	.4	.8	2.4	6.7	10.3	16.7	.8	(NA)	(NA)
Mount Pleasant		10	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Muscatine		47	25	4.1	39.2	2.6	5.2	20.5	93.3	105.9	196.6	7.4	3.8	53.3
Newton		21	9	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oelwein		14	6	.5	4.8	.4	.9	3.4	10.6	10.9	21.4	.4	.5	6.6
Oskaloosa		27	11	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Ottumwa		32	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5.2	78.4
Pella		17	6	1.8	14.0	1.6	3.0	10.9	23.6	26.2	49.0	2.3	.9	11.1
Red Oak		9	4	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Sioux City		123	52	7.7	64.1	5.7	11.3	42.6	143.1	475.7	618.8	(D)	7.5	92.4
Spencer		24	8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Spirit Lake		8	3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Storm Lake		14	7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington		14	6	7	6.1	6	1.3	4.2	15.0	21.9	35.6	9	(NA)	(NA)
Waterloo		101	44	17.7	193.7	13.9	26.6	146.1	408.9	413.1	817.3	38.8	18.9	284.7
Waverly		10	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Webster City	E1	21	9	1.2	9.0	1.0	1.8	6.6	20.0	35.2	55.9	1.5	.8	8.9
West Des Moines		32	12	1.1	11.0	.8	1.5	6.4	19.9	11.5	30.8	.7	1.1	18.0

General Statistics by Industry Group and Industry

	All Industries, Total	3,388	1,170	215.5	2,008.9	157.0	311.3	1,355.0	4,257.7	7,947.0	12,598.7	329.4	210.1	3,250.9
	Food and Kindred Products	618	277	49.6	478.1	36.3	72.2	334.4	1,112.0	4,737.5	5,829.0	96.4	49.2	816.8
201	Meat Products	124	66	27.5	277.1	22.7	44.0	223.1	487.3	3,266.7	3,743.9	21.9	25.3	338.8
2011	Meatpacking Plants	77	43	24.0	257.3	19.5	37.6	207.0	431.7	3,126.5	3,550.5	18.4	22.6	317.8
2013	Sausages and Other Prepared Meats	24	7	1.2	7.7	1.1	2.4	6.1	26.0	55.2	81.2	1.1	CC	(D)
2016	Poultry Dressing Plants	16	9	9	4.7	8	1.6	3.8	9.0	32.5	41.1	1.0	(NA)	(NA)
2017	Poultry and Egg Processing	7	7	1.4	7.3	1.3	2.4	6.2	20.5	52.5	71.1	1.3	(NA)	(NA)
202	Dairy Products	130	51	4.1	16.0	2.4	4.8	18.1	115.7	388.5	501.7	6.0	5.6	104.7
2021	Creamery Butter	22	5	3	2.2	2	3	1.6	6.0	40.8	46.7	2	1.2	11.5
2022	Cheese, Natural and Processed	22	10	.6	3.9	.5	1.1	3.1	17.9	72.1	89.6	.8	.6	5.6

See footnotes at end of table

Iowa industrial information (continued)

Ind code	Industry		1972 Establishments: Total (number)	1972 Establishments: With 20 employees or more (number)	1972 All employees: Number (1,000)	1972 All employees: Payroll (million dollars)	1972 Production workers: Number (1,000)	1972 Production workers: Man-hours (millions)	1972 Production workers: Wages (million dollars)	1972 Value added by manufacture (million dollars)	1972 Cost of materials (million dollars)	1972 Value of shipments (million dollars)	1972 Capital expenditures, new (million dollars)	1967 All employees (1,000)	1967 Value added by manufacture (million dollars)
General Statistics by Industry Group and Industry (Continued)															
2023	Condensed and Evaporated Milk		18	12	9	8.1	8	1.5	6.8	49.8	126.2	174.0	2.0	CC	D
2024	Ice Cream and Frozen Desserts		11	4	2	1.7	1	1	1.0	4.2	7.4	11.4	2	BB	D
2026	Fluid Milk	E1	57	20	22	20.1	7	1.6	5.8	47.8	142.2	179.8	2.9	2.9	35.4
204	Grain Mill Products		173	72	9.6	99.8	6.0	14.1	58.6	124.9	564.2	685.5	47.0	9.5	247.9
2048	Prepared Feeds, NEC		154	57	4.7	41.9	1.7	4.9	12.9	97.2	227.2	324.1	4.5	NA	NA
205	Bakery Products		51	22	4.1	24.9	1.8	4.3	11.9	47.2	40.8	87.9	1.5	4.3	19.6
2051	Bread, Cake, and Related Products		28	19	2.4	20.3	1.4	2.4	9.1	40.6	31.0	71.6	1.1	2.8	14.3
2052	Cookies and Crackers		6	3	2	4.7	6	1.0	2.8	6.6	9.8	16.4	4	6	5.2
207	Fats and Oils		17	15	1.0	10.0	7	1.5	6.7	46.1	174.4	415.4	6.6	NA	NA
2075	Soybean Oil Mills		16	11	.8	7.5	5	1.1	5.0	18.6	158.1	192.0	4.6	9	21.9
2077	Animal and Marine Fats and Oils		21	4	1	2.5	2	4	1.6	7.5	16.1	23.4	1.6	6	7.8
208	Beverages		44	29	1.8	14.6	7	1.3	4.0	15.2	38.9	74.4	5.2	1.6	22.3
2086	Bottled and Canned Soft Drinks		17	28	1.7	13.1	7	1.3	3.7	12.6	14.6	67.1	D	1.5	21.0
209	Misc. Foods, Kindred Products		32	9	7	5.7	5	9	2.9	25.6	18.1	44.5	1.1	NA	NA
2099	Food Preparations, NEC		22	8	6	5.1	4	8	2.6	24.0	17.2	41.8	1.2	6	10.2
22	Textile Mill Products	E1	10	5	5	1.7	2	5	1.1	2.8	3.2	5.9	1	5	1.5
23	Apparel, Other Textile Prods.		65	40	1.5	17.2	1.1	5.8	14.6	48.1	27.2	80.5	1.0	FF	D
232	Men's and Boys' Furnishings	E2	14	10	1.3	5.6	1.1	2.0	4.7	10.6	8.2	18.8	.2	FF	D
2329	Men's and Boys' Clothing, NEC	E2	4	4	.6	4.0	.5	1.0	2.7	5.5	3.3	8.8	.2	4	4.0
234	Women's, Children's Undergarms.		5	5	.6	2.6	.5	1.0	2.3	6.9	5.6	12.5	.1	5	5.4
2341	Women's and Children's Underwear		5	5	.6	2.6	.5	1.0	2.3	6.9	5.6	12.5	.1	5	5.4
238	Misc. Apparel and Accessories	E1	5	4	.2	.7	.2	.3	.6	1.0	1.3	2.4	Z	C	1.6
2381	Fabric Dress and Work Gloves	E1	5	4	.2	.7	.2	.3	.6	1.0	1.3	2.4	Z	AA	D
239	Misc. Fabricated Textile Prods.		28	4	4	2.5	.3	.6	1.6	5.3	4.5	9.7	.1	1.3	10.6
24	Lumber and Wood Products		176	42	5.0	47.0	4.2	8.1	28.2	72.1	102.7	175.1	5.0	NA	NA
242	Sawmills and Planing Mills	E3	63	3	4	2.7	3	7	2.4	5.2	5.9	11.2	4	4	2.6
2421	Sawmills, Planing Mills, General	E3	58	2	3	2.5	3	6	2.3	4.8	5.8	10.6	D	BB	D
241	Millwork, Plywood, Struc. Membs.		41	15	3.0	23.7	2.5	4.9	16.0	39.8	46.1	86.7	1.4	NA	NA
2411	Millwork		16	8	2.3	18.6	2.0	3.8	14.5	29.3	47.1	67.4	D	NA	NA
244	Wood Containers		8	2	1	1.1	1	2	6	1.2	3.3	5.4	.6	Z	NA	NA
245	Wood Buildings and Mobile Homes		14	10	9	7.0	7	1.3	5.1	19.1	40.2	59.0	.8	NA	NA
25	Furniture and Fixtures		61	27	3.8	32.3	2.8	5.5	19.3	65.8	49.8	114.0	2.7	4.0	48.3
251	Household Furniture		28	15	1.9	14.9	1.5	2.7	9.3	27.0	24.3	50.4	1.1	NA	NA
2511	Wood Household Furniture		10	5	.3	1.5	.3	.4	1.3	2.9	2.0	4.5	D	NA	NA
2512	Upholstered Household Furniture		9	8	1.3	11.3	1.0	1.8	6.6	18.5	16.1	34.2	1.0	NA	NA
26	Paper and Allied Products		44	32	4.2	47.0	4.4	7.1	26.7	89.9	105.1	194.6	8.4	4.1	61.0
264	Misc. Converted Paper Products		19	12	1.7	14.1	1.4	2.7	9.3	40.1	29.2	69.2	5.1	1.7	26.4
2641	Paper Coating and Glazing		5	4	5	4.1	4	9	4.1	13.7	12.4	25.7	.6	BB	D
2643	Bags, Except Textile Bags		7	5	1.1	7.7	9	1.6	5.3	23.5	14.5	38.3	4.3	9	15.6
265	Paperboard Containers and Boxes		20	16	2.2	19.8	1.7	3.6	14.4	40.7	66.5	106.8	D	2.0	26.5
27	Printing and Publishing		700	120	13.6	112.3	7.8	14.2	58.5	227.6	166.8	392.6	14.6	12.5	174.4
2711	Newspapers	E1	295	48	5.6	41.4	2.8	4.8	20.0	85.7	20.8	106.5	9.0	5.8	64.8
2721	Periodicals		28	5	1.8	17.0	2	4	1.8	14.2	80.7	114.5	D	FF	D
273	Books		20	6	1.8	18.5	1.4	2.8	14.0	38.3	24.2	61.4	D	4	9.2
275	Commercial Printing	E1	266	40	2.9	23.9	2.2	4.0	14.9	41.5	26.1	67.4	D	NA	NA
2751	Commercial Printing, Letterpress	E3	162	11	1.2	9.4	1.0	1.9	6.3	17.7	11.4	29.0	D	NA	NA
2761	Manifold Business Forms		10	8	6	4.9	5	1.0	3.4	13.6	10.2	24.7	D	4	7.9
279	Printing Trade Services		24	1	2	1.9	2	4	1.5	4.1	6	4.8	D	NA	NA
2791	Typesetting	E1	14	1	2	1.1	1	2	9	1.7	3	2.1	D	NA	NA
28	Chemicals and Allied Products		111	39	4.9	48.8	3.0	6.1	25.1	180.1	285.1	671.1	25.2	5.3	241.6
283	Drugs		16	5	1.0	9.9	5	1.0	3.8	27.4	17.1	42.6	1.7	8	19.4
284	Soaps, Cleaners, Toilet Goods		25	6	9	8.2	5	1.1	4.3	123.4	64.7	187.5	4.9	NA	NA
2851	Paints and Allied Products		10	6	6	5.3	4	7	3.1	26.6	26.2	52.7	6	5	24.1
287	Agricultural Chemicals		28	12	1.3	13.8	8	1.8	6.9	59.7	95.7	154.6	4.7	NA	NA
2873	Nitrogenous Fertilizers		4	3	4	4.7	3	6	2.5	18.9	37.0	55.9	9	NA	NA
2875	Fertilizer Mixing Only		12	4	4	3.2	3	6	2.0	9.3	18.7	29.7	D	4	5.9
289	Miscellaneous Chemical Products	E1	17	2	2	1.8	2	3	1.3	5.1	5.9	10.9	8	NA	NA
29	Petroleum and Coal Products	E3	16	6	3	3.0	2	5	2.0	7.8	7.4	15.9	1.2	2	1.7
295	Paving and Roofing Materials	E2	11	4	2	2.2	2	4	1.7	4.9	4.4	9.2	9	NA	NA
30	Rubber, Misc. Plastics Prod.		67	40	10.0	99.9	8.0	15.8	76.5	251.4	188.6	434.8	18.9	NA	NA
307	Miscellaneous Plastics Products		57	32	4.5	37.2	3.5	6.9	25.8	84.8	63.3	146.8	9.1	NA	NA
31	Leather and Leather Products	E1	19	10	8	4.6	7	1.2	4.0	8.6	11.5	20.0	2	CC	D
3151	Leather Gloves and Mittens		4	3	2	1.1	2	3	7	2.6	2.9	5.3	D	AA	D
32	Stone, Clay, Glass Products	E1	124	67	6.0	53.0	4.8	9.7	19.2	131.5	102.2	233.7	8.6	6.2	110.7
324	Cement, Hydraulic		5	5	1.1	12.3	9	1.9	10.4	47.7	21.3	57.9	D	1.1	12.6
327	Miscellaneous Clay Products		15	12	8	6.0	7	1.4	4.6	10.7	6.6	17.7	1.1	1.0	9.8

See footnotes at end of table

Iowa industrial information (continued)

Ind code	Industry		1972											1967	
			Establishments		All employees		Production workers			Value added by manufacture	Cost of materials	Value of shipments	Capital expenditures, new	All employees	Value added by manufacture
			Total	With 20 employees or more	Number	Payroll	Number	Man-hours	Wages						
			(number)	(number)	(1,000)	(million dollars)	(1,000)	(millions)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(1,000)	(million dollars)
General Statistics by Industry Group and Industry (Continued)															
327	Concrete, Gypsum, Plaster Prods	E2	282	47	4.7	32.4	2.8	5.9	22.2	75.6	69.2	144.5	5.6	4.8	65.7
3271	Concrete Block and Brick	E1	23	5	.4	2.4	.1	.3	1.0	4.3	4.5	8.8	.4	BB	(D)
3272	Concrete Products, NEC	E1	85	14	1.0	7.8	.8	1.6	5.5	15.8	8.8	24.5	.7	EE	(D)
3273	Ready Mixed Concrete	E4	168	22	1.6	14.2	1.1	2.1	8.7	27.8	16.4	64.2	4.4	EE	(D)
33	Primary Metal Industries		65	42	8.3	86.4	6.7	13.8	64.4	148.1	253.0	400.3	12.5	8.6	120.4
332	Iron and Steel Foundries		24	21	2.8	26.7	2.4	4.7	20.9	46.2	33.0	79.0	3.1	2.7	30.7
3321	Gray Iron Foundries		18	15	1.7	14.5	1.4	2.8	10.8	28.7	24.5	52.1	(D)	1.6	18.4
336	Nonferrous Foundries		26	10	1.3	9.7	1.0	2.0	6.8	14.3	12.0	25.3	1.3	1.2	11.5
3361	Aluminum Foundries		17	7	.7	5.2	.6	1.0	4.2	6.5	6.7	14.0	.7	.6	5.8
34	Fabricated Metal Products		238	101	18.4	157.6	14.4	25.8	100.0	301.7	246.4	547.0	16.2	NA	(NA)
342	Cutlery, Handtools and Hardware	E1	21	8	1.1	9.3	.9	1.7	6.5	19.7	20.7	39.4	.7	.7	9.3
3429	Hardware, NEC	E1	8	5	.8	6.5	.6	1.1	4.2	13.5	17.4	30.2	.6	.5	6.7
344	Fabricated Struc Metal Prods		103	48	5.8	46.9	4.5	9.4	32.9	92.4	97.1	190.4	4.4	4.7	44.2
3441	Fabricated Structural Metal		29	17	1.9	16.4	1.3	2.8	10.6	24.1	38.5	65.1	1.6	1.8	15.9
3442	Metal Doors, Sash, and Trim		16	9	.8	4.8	.6	1.3	3.4	9.7	10.1	19.8	.6	.4	3.8
3443	Fabricated Platework, Boiler Shop	E1	17	10	1.2	10.0	1.0	2.0	7.2	26.0	23.3	48.6	1.2	.6	4.6
3444	Sheet Metalwork		27	8	1.6	13.0	1.2	2.8	9.6	27.9	21.0	48.1	.8	1.3	12.5
346	Metal Forgings and Stampings	E1	19	8	1.0	6.4	.8	1.6	5.1	16.7	9.5	26.2	.6	NA	(NA)
3469	Metal Stampings, NEC		13	7	.7	4.9	.6	1.2	3.8	11.8	6.9	18.7	.4	NA	(NA)
347	Metal Services, NEC	E1	26	3	.2	1.7	.2	.4	1.4	3.0	.9	3.8	.1	.2	1.8
3471	Plating and Polishing	E1	21	1	.2	1.3	.1	.3	1.0	2.3	.6	2.8	CC	AA	(D)
349	Misc. Fabricated Metal Products		44	19	5.3	52.8	3.4	6.5	28.2	107.9	61.0	168.9	4.4	NA	(NA)
3494	Valves and Pipe Fittings		8	6	3.7	37.0	2.3	4.1	20.2	77.6	37.2	113.0	3.2	3.2	50.1
3499	Fabricated Metal Products, NEC		24	8	1.3	12.6	.8	1.7	5.6	23.8	18.7	44.4	.7	NA	(NA)
35	Machinery, Except Electrical		487	187	48.0	530.0	35.9	72.2	372.8	1,204.2	968.0	2,139.7	65.8	46.4	753.1
352	Farm and Garden Machinery		140	76	23.7	269.4	18.4	36.6	196.6	643.4	496.4	1,145.3	45.1	NA	(NA)
353	Construction, Related Machinery		53	30	13.3	159.4	9.7	20.4	111.4	336.2	314.9	630.4	9.5	12.3	226.9
3531	Construction Machinery		31	20	12.1	147.9	8.8	18.7	104.6	314.2	296.0	598.8	9.1	10.6	202.5
3537	Industrial Trucks and Tractors		6	2	.3	2.2	.2	.4	1.4	4.6	3.3	7.9	.1	BB	(D)
354	Metalworking Machinery	E1	63	21	2.3	22.3	1.7	3.4	14.4	40.0	25.6	64.6	1.4	2.1	31.8
3544	Special Dies, Tools, Jigs, Etc	E2	40	7	.7	7.1	.6	1.3	5.8	10.8	4.3	15.0	.6	.8	11.5
3549	Metalworking Machinery, NEC	E2	10	5	.7	6.1	.5	.9	3.3	13.3	9.9	22.8	(D)	(NA)	(NA)
355	Special Industry Machinery		40	18	2.2	21.5	1.5	3.1	13.1	51.7	30.1	81.7	1.4	2.1	32.8
3551	Food Products Machinery		12	6	1.0	11.0	.7	1.3	6.0	26.2	12.4	39.1	.5	1.2	17.9
358	Refrigeration and Service Mach		26	11	2.1	18.7	1.4	2.5	11.5	36.8	36.6	72.5	(D)	1.5	23.0
359	Misc. Machinery, Exc. Elec	E2	125	13	1.6	12.6	1.3	2.4	9.3	24.3	15.5	39.6	1.2	(NA)	(NA)
3599	Machinery, Except Electrical, NEC	E2	125	13	1.6	12.6	1.3	2.4	9.3	24.3	15.5	39.6	1.2	(NA)	(NA)
36	Electric, Electronic Equip		63	39	20.0	174.8	14.6	28.5	111.1	405.3	355.3	754.4	13.0	(NA)	(NA)
362	Electrical Industrial Apparatus		6	4	.6	4.1	.4	.8	2.7	9.6	6.2	15.4	.7	AA	(D)
363	Household Appliances		11	9	6.2	54.2	4.9	9.2	39.9	186.8	156.9	342.8	6.4	FF	(D)
364	Elec. Lighting, Wiring Equip		4	3	.2	.9	.1	.3	.7	2.1	1.2	3.2	.1	(NA)	(NA)
367	Electronic Components, Access		15	11	3.6	23.8	3.2	5.9	18.0	49.6	36.7	84.7	1.4	4.4	49.1
37	Transportation Equipment		95	43	7.4	59.5	5.6	11.8	39.6	157.4	246.3	389.7	33.0	(NA)	(NA)
371	Motor Vehicles and Equipment		61	32	6.3	50.1	4.8	10.2	34.3	143.8	232.8	362.5	(D)	2.6	34.2
3713	Truck and Bus Bodies		22	14	4.0	32.5	2.9	6.5	21.4	93.5	169.4	251.1	(D)	CC	(D)
379	Misc. Transportation Equipment	E2	20	8	.6	3.8	.5	1.0	2.6	5.6	10.2	15.8	(D)	(NA)	(NA)
3792	Travel Trailers and Campers	E2	16	6	.4	2.8	.4	.7	2.0	4.9	7.8	12.7	(D)	(NA)	(NA)
3799	Transportation Equipment, NEC		4	2	.2	.9	.1	.3	.6	.7	2.4	3.1	(D)	(NA)	(NA)
38	Instruments, Related Products		44	12	2.5	25.5	1.6	3.1	12.8	49.3	24.1	73.1	2.8	(NA)	(NA)
3811	Engineering, Scientific Instru		5	3	1.0	9.5	.5	1.0	3.9	16.6	7.1	23.3	1.1	EE	(D)
39	Misc. Manufacturing Industries		142	42	6.2	44.0	4.6	9.2	26.7	107.9	63.8	170.4	3.8	5.6	64.8
394	Toys and Sporting Goods		36	13	2.3	15.1	1.8	3.5	9.4	41.8	22.9	65.0	2.2	1.8	21.0
395	Pens, Office and Art Goods		7	3	1.3	10.7	.9	1.8	5.9	20.9	12.0	32.5	3	EE	(D)
396	Costume Jewelry and Notions		9	5	4	2.7	.3	.7	1.4	6.6	6.6	12.1	.1	BB	(D)
399	Miscellaneous Manufactures	E1	84	19	2.1	15.0	1.6	3.1	9.7	37.7	21.9	59.5	1.2	1.7	21.1
3999	Manufacturing Industries, NEC	E1	26	6	.7	3.7	.6	1.1	2.5	11.1	4.9	15.7	.2	.2	1.6
—	Administrative, Auxiliary		43	19	2.4	36.2	—	—	—	—	—	—	—	1.3	—

Note: The payroll and sales data for small establishments (generally single-unit companies with less than 10 employees) were obtained from administrative records of other government agencies instead of from a census report form. These data were then used in conjunction with industry averages to estimate the balance of the items shown in the table for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time the data were tabulated. The following symbols are shown where administrative records data were used and account for 10 percent or more of the figures shown.

E1—10 to 19 percent
E2—20 to 29 percent
E3—30 to 39 percent
E4—40 to 49 percent
E5—50 to 59 percent
E6—60 to 69 percent
E7—70 to 79 percent
E8—80 to 89 percent
E9—90 to 99 percent
E0—100 percent

Represents zero. (NA) Not available. (D) Withheld to avoid disclosing figures for individual companies. However, for such areas with 150 employees or more, the number of establishments is shown and the employment size range is indicated by one of the following symbols:

AA—150 to 249 employees
BB—250 to 499 employees
CC—500 to 999 employees
EE—1,000 to 2,499 employees
FF—2,500 employees and over

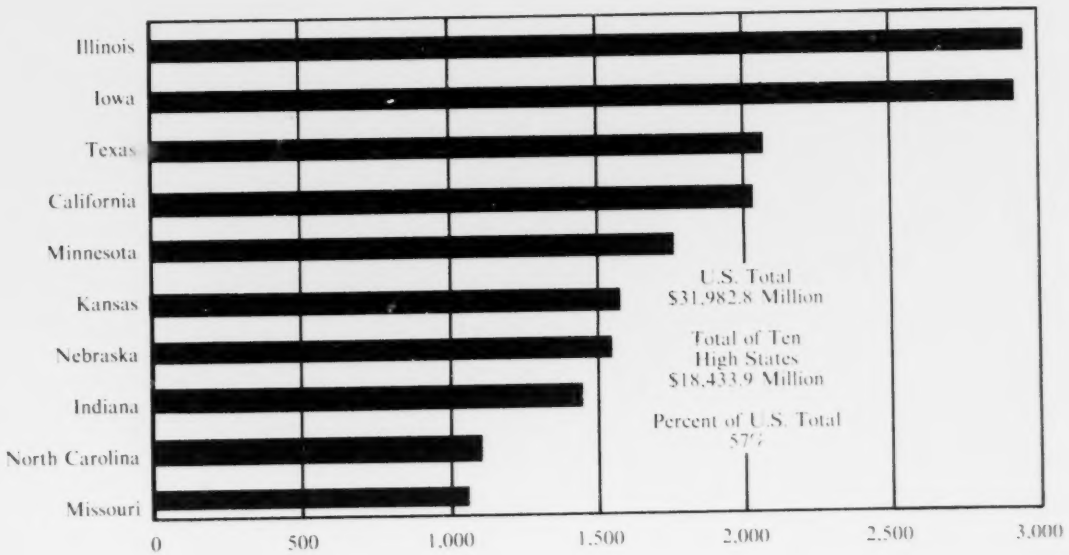
Source: Area Series, Iowa 1972 Census of Manufacturers, U.S. Dept. of Commerce, Bureau of the Census.

Iowa exported an estimated $5.3 billion in products last year

It's no surprise that Iowa ranks second in exporting of agricultural goods, amounting to $2.8 billion in 1979. In addition, approximately 750 Iowa manufacturers also export, averaging $18.28 per capita.

Leading export items include feed grains, soybeans, machinery, chemicals and electrical equipment. Iowa makes a concentrated effort to encourage exports, through Iowa Development Commission sponsored foreign trade missions, conferences and workshops. The IDC also provides information and aid to help new exporters deal with trade regulations, shipping problems and working arrangements with overseas firms.

Iowa high among top ten in farm exports, 1979* (millions)



*Year ending June 30
Source: FATUS, March/April 1980, U.S.D.A.

value of agricultural exports, Iowa (millions)

(Fiscal Year October-September)

	1970	1975	1977	1978	1979
All Commodities	$515.1	$1,723.5	$2,042.0	$2,060.4	$2,840.8
Wheat and Flour	.8	5.4	4.2	8.7	4.9
Feed Grains[1]	145.5	787.1	712.7	764.6	1,206.0
Soybeans	170.7	489.8	695.5	914.6	1,170.1
Soybean Oil	22.1	64.0	67.1	*	*
Protein Meal	50.6	110.3	151.7	*	*
Fruits and Preparations	—	.1	.1	.1	.1
Vegetables and Preparations	.1	.5	1.0	1.1	1.0
Dairy Products	8.7	12.0	15.2	14.4	8.0
Meats and Products[2]	24.5	60.3	99.3	108.3	110.7
Hides and Skins	12.6	24.4	49.6	53.6	83.6
Poultry Products	2.1	2.4	4.3	5.4	5.4
Lard and Tallow	24.8	38.4	55.4	49.7	57.5
Other	52.6	128.8	185.9	139.9	193.5

r Revised.
*Now tabulated as part of soybeans and products.
[1]Includes barley, corn, oats and sorghum grain.
[2]Does not include poultry.
Source: FATUS, February, 1980, U.S.D.A.

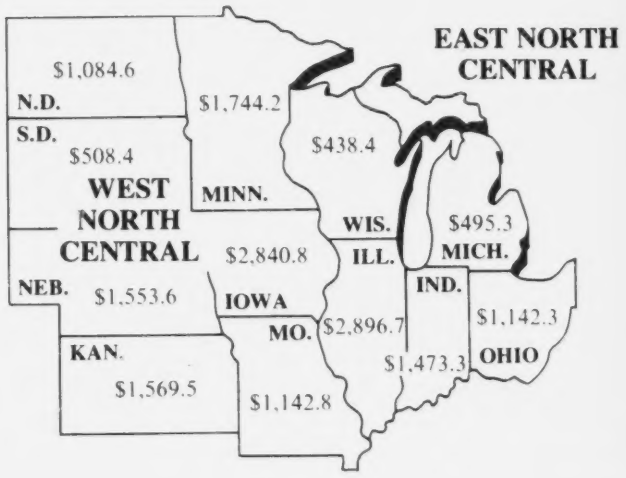
value of agricultural exports, U.S. (millions)

(Fiscal Year October-September)

	1970	1973	1975	1977	1978	1979
All Commodities	$6,721.4	$12,894.0	$21,854.3	$24,013.4	$27,306.2	$31,982.8
Wheat and Flour	941.6	2,340.2	5,236.8	3,003.1	4,138.7	4,862.0
Feed Grains[1]	987.3	2,312.5	4,858.3	5,345.3	5,983.1	7,026.1
Soybeans	1,069.0	2,288.2	2,988.7	4,306.6	6,410.9	7,515.0
Soybean Oil	138.7	143.2	387.3	413.1	*	*
Protein Meal	322.6	711.0	685.5	955.3	*	*
Fruits and Preparations	343.2	456.7	674.6	803.9	976.5	1,042.4
Vegetables and Preparations	196.8	296.3	533.9	697.2	648.9	756.2
Dairy Products	109.1	86.0	143.0	171.3	155.8	116.1
Meats and Products[2]	152.8	306.7	381.9	608.5	687.6	844.1
Hides and Skins	158.4	495.1	393.3	779.5	823.6	1,302.7
Poultry Products	76.0	89.3	112.0	271.4	331.7	368.1
Lard and Tallow	208.1	236.1	400.6	578.2	573.8	704.8
Other	650.2	1,108.9	1,632.9	2,185.7	1,854.5	2,178.4

r Revised.
*Now tabulated as part of soybeans and products.
[1]Includes barley, corn, oats and sorghum grain.
[2]Does not include poultry.
Source: FATUS, March/April, 1980, U.S.D.A.

12 mid-American states account for 52% of total U.S. agricultural exports . . . 1978-79



U.S. $31,982.8
(figures in millions)

leading states for agricultural export shares, 1979[1] (millions)

Selected Commodities	United States	5 Leading States				
		1	2	3	4	5
All Commodities	$31,982.8	Ill. 2,896.7	IOWA 2,840.8	Tex. 2,047.4	Calif. 2,012.3	Minn. 1,744.2
Soybeans and Products[2]	7,515.0	Ill. 1,236.8	IOWA 1,170.1	Mo. 632.3	Minn. 579.6	Ind. 527.7
Feed Grains and Products	7,026.1	Ill. 1,241.2	IOWA 1,206.0	Neb. 836.4	Ind. 635.8	Minn. 538.3
Wheat and Products	4,862.0	Kans. 879.7	N.Dak. 656.2	Okla. 419.2	Mont. 386.4	Wash. 379.2
Hides and Skins	1,302.7	Wis. 125.1	Tex. 124.4	IOWA 83.6	Minn. 74.5	Neb. 70.9
Meats and Preparations[3]	844.1	IOWA 110.7	Tex. 78.1	Neb. 58.5	Kans. 50.4	Ill. 46.6
Lard and Tallow	704.8	Tex. 87.1	IOWA 57.5	Neb. 51.4	Kans. 48.8	Mo. 34.6
Dairy Products	116.1	Wis. 29.4	Minn. 19.7	Calif. 16.6	Ohio 9.6	N.Y. 9.2

[1]Fiscal year ending September 30.
[2]Includes soybeans, soybean oil, and protein meal.
[3]Excludes poultry.
Source: FATUS, March/April, 1980, U.S.D.A.

estimated exports of manufactured shipments, Iowa (millions)

SIC Code	Product Category	1960	1966	1969	1971	1972	1976
	Total Exports	$211.4	$336.9	$412.0	$476.0	$589.6	$1,499.8
20	Food & Kindred Products	51.4	59.6	95.4	109.1	130.5	262.1
21	Tobacco Manufactures	--	—	—	—	—	—
22	Textile Mill Products	—	—	—	—	—	—
23	Apparel & Other Textile Mill Products	0.7	T	S	—	—	12.1
24	Lumber & Wood Products	1.0	T	T	—	—	0.9
25	Furniture & Fixtures	0.2	S	S	—	—	7.2
26	Paper & Allied Products	—	S	T	T	—	6.8
27	Printing & Publishing	1.3	T	T	T	—	83.9
28	Chemicals & Allied Products	3.8	9.3	7.7	27.0	39.4	—
29	Petroleum & Coal Products	—	0.9	2.0	—	—	51.9
30	Rubber & Plastics	3.8	6.3	12.7	13.3	14.4	—
31	Leather & Leather Products	S	—	—	—	—	3.1
32	Stone, Clay & Glass	—	0.1	S	T	—	24.2
33	Primary Metal Industries	2.3	U	V	U	—	46.2
34	Fabricated Metal Products	5.7	9.9	10.9	13.4	14.7	745.5
35	Machinery, except electrical	92.3	165.6	173.5	198.9	269.6	194.1
36	Electrical Equipment & Supplies	30.3	51.6	68.1	62.4	87.9	20.3
37	Transportation Equipment	S	3.2	6.7	14.4	15.9	7.6
38	Instruments & Related Products	—	T	T	U	—	28.6
39	Misc. Mfg.	12.2	14.7	14.5	—	—	

(S) Less than $1.0 million
(T) $1.0 but less than $5.0 million
(U) $5.0 but less than $10.0 million
(V) $10.0 but less than $25.0 million

Source: Survey of the origin of Exports of Manufacturing, 1976 Census of Manufactures, U.S. Department of Commerce, Bureau of the Census; and Iowa, U.S. Dept. of Commerce.

comparative value of estimated manufactured exports, midwest states

Selected Midwest States	1972						1976					
	Esti-mated value of exports (millions)	Esti-mated export employ-ment (thousands)	Percent of U.S. totals		Rank based on—		Esti-mated value of exports (millions)	Esti-mated export employ-ment (thousands)	Percent of U.S. totals		Rank based on—	
			Value of exports	Export employ-ment	Value of exports	Export employ-ment			Value of exports	Export employ-ment	Value of exports	Export employ-ment
United States	$36,608.0	770.4	100.0	100.0	N/A	N/A	$83,098.0	1,173.2	100.0	100.0	N/A	N/A
IOWA	589.6	12.4	4.7	5.8	18	21	1,499.8	19.8	7.2	8.6	18	20
Illinois	2,901.9	63.3	5.4	4.8	3	4	6,659.6	86.9	8.1	6.9	3	2
Indiana	1,403.7	30.3	4.8	4.3	9	9	2,827.6	40.0	6.3	5.9	9	9
Kansas	282.7	6.9	3.5	5.0	29	28	635.2	10.2	4.3	6.1	31	28
Michigan	3,522.2	58.5	6.5	5.4	1	5	6,888.1	73.9	8.6	7.0	2	6
Minnesota	654.0	14.1	5.1	4.7	17	15	1,566.7	23.2	7.7	7.2	16	15
Missouri	577.3	12.9	3.1	3.0	20	17	1,622.1	22.6	5.9	5.3	15	16
Nebraska	134.4	2.1	2.3	2.5	35	37	309.2	3.7	3.5	4.2	35	38
Ohio	3,053.9	70.2	5.5	5.2	2	1	5,793.6	86.8	6.9	6.8	4	3
South Dakota	(s)	(s)	(s)	(s)	50	45	68.3	1.0	4.2	4.8	47	46
Wisconsin	916.1	21.2	4.3	4.2	12	13	2,209.2	32.1	6.2	6.2	12	13

(s) withheld estimate

Source: Origin of Exports of Manufacturing, 1976 Census of Manufactures, U.S. Dept. of Commerce, Bureau of the Census.

estimated value of manufactured exports, Iowa smsa's (millions)

Code	State by major industry group	value of manufacturers' shipments: Total[1] (million dollars)	Direct exports[2] (million dollars)	Supporting exports[3] (million dollars)	Total export related[4] (million dollars)	Total export related as percent of total shipments	manufacturing employment: Total[5] (1,000)	Direct export related[6] (1,000)	Supporting exports[7]	Total export related[8] (1,000)	Total export related as percent of total employment
		A	B	C	D	E	F	G	H	I	J
	Iowa	20,772.3	1,499.8	624.4	2,124.2	10.2	231.1	19.8	8.4	28.2	12.2
20	Food and kindred products	9,020.0	262.1	119.2	381.3	4.2	43.5	1.1	0.6	1.7	3.9
24	Lumber and wood products	230.1	12.1	13.8	25.9	11.3	4.9	0.3	0.3	0.6	12.2
25	Furniture and fixtures	158.1	0.9	1.4	2.3	1.5	2.8	(Z)	0.1	0.1	3.6
26	Paper and allied products	354.0	7.2	22.8	30.0	8.5	4.5	0.1	0.3	0.4	8.9
27	Printing and publishing	582.7	6.8	6.7	13.5	2.3	14.1	0.1	0.2	0.3	2.1
28	Chemicals and allied products	1,564.5	83.9	87.6	171.5	11.0	6.0	0.4	0.3	0.7	11.7
30	Rubber, miscellaneous plastic products	716.4	51.9	46.2	98.1	13.7	11.5	0.8	0.7	1.5	13.0
32	Stone, clay, glass products	512.1	3.1	16.7	19.8	3.9	8.0	(Z)	0.3	0.3	3.8
33	Primary metal industries	666.1	24.2	96.8	121.0	18.2	7.7	0.2	1.1	1.3	16.9
34	Fabricated metal products	822.6	46.2	44.7	90.9	11.1	18.6	0.9	1.0	1.9	10.2
35	Machinery, except electrical	3,826.4	745.5	101.7	847.2	22.1	57.1	10.2	1.7	11.9	20.8
36	Electric, electronic equipment	1,284.7	194.1	43.8	237.9	18.5	24.4	4.3	1.1	5.4	22.1
37	Transportation equipment	597.7	20.3	15.9	36.2	6.1	9.1	0.3	0.3	0.6	6.6
38	Instruments, related products	64.3	7.6	1.9	9.5	14.8	2.2	0.3	0.1	0.4	18.2
39	Miscellaneous manufacturing industries	247.0	28.6	3.3	31.9	12.9	6.4	0.9	0.1	1.0	15.6
—	Central admin. offices, auxiliary	(X)	(X)	(X)	(X)	(X)	4.7	(X)	0.4	0.4	(X)

(X) Not applicable.
(Z) Less than one-half of the unit of measurement shown.
[1]Includes total domestic and export shipments for all manufacturing establishments.
[2]Includes only the value of manufactured products exported by the producing plants.
[3]Includes shipments of components, parts, supplies, etc., used by plants producing the export product.
[4]Total export related shipments are the sum of columns B and C.
[5]Includes employees of central administrative offices and auxiliaries (warehouses, garages, repair shops, etc.) serving operating manufacturing establishments.
[6]Employment is limited to paid employees in manufacturing plants producing the export product.
[7]Manufacturing employment at establishments producing components, parts, supplies, etc. for use by plants producing for export.
[8]The employment totals shown are the sum of columns G and H.
Source: Origin of Exports by Manufacturing Establishments; supplement 3 August 1979.

	1971	1972	1976 Estimated Value of Exports (millions)	1976 Estimated Export Employment (thousands)
Cedar Rapids	108.1	111.7	254.0	5.0
Davenport-Rock Island-Moline	94.6	120.9	421.3	4.7
Food & Kindred Products	(T)	(T)	20.7	0.2
Primary Metal Industries	(W)	(U)	23.9	0.2
Fabricated Metal Products	(T)	(T)	3.2	0.1
Machinery Except Electrical	75.3	102.1	360.1	3.8
Des Moines	39.5	46.5	54.6	0.6
Dubuque	42.7	(X)	137.0	1.7
Omaha-Council Bluffs	45.5	51.8	56.1	0.5
Sioux City	31.8	35.3	80.6	0.5
Waterloo-Cedar Falls	51.8	66.1	217.9	2.6

(T) 1 but less than 5 million, (U) 5 but less than 10 million, (W) 25 but less than 50 million, (X)50 but less than 100 million.
Source: Survey of The Origin of Exports by Manufacturing Establishments, U.S. Department of Commerce, Bureau of The Census.

Iowa exports contribute to U.S. balance of payments (millions of dollars)

Agricultural Exports

	1979 Iowa	1979 U.S.	% of U.S. Share
Wheat and Products	4.9	4,862.0	.1
Feed Grains[1]	1,206.0	7,026.1	17.2
Soybeans and Products[2]	1,170.1	7,515.0	15.6
Fruits and Preparations	.1	1,042.4	.01
Vegetables and Preparations	1.0	756.2	.13
Dairy Products	8.0	116.1	6.9
Meats and Products	110.7	844.1	13.1
Hides and Skins	83.6	1,302.7	6.4
Poultry Products	5.4	368.1	1.5
Lard and Tallow	57.5	704.8	8.2
Other	193.5	2,178.4	8.9
Total	2,840.8	31,982.8	8.9%

[1]Includes barley, corn, oats and sorghum grain.
[2]Includes soybeans, soybean oil and protein meal.
Source: FATUS, March/April, 1980, U.S. Department of Agriculture.

Manufactured Exports

Sic Code	Product Category	1976 Iowa	1976 U.S.	% of U.S. Share
20	Food and Kindred Products	262.1	3,046.2	8.6%
21	Tobacco Manufacturers	—	608.4	—
22	Textile Mill Products	—	654.9	—
23	Apparel and Other Textile Mill Products	—	291.7	—
24	Lumber and Wood Products	12.1	766.1	1.6
25	Furniture and Fixtures	.9	51.7	1.7
26	Paper and Allied Products	7.2	988.4	.7
27	Printing and Publishing	6.8	347.7	2.0
28	Chemicals and Allied Products	83.9	3,756.8	2.2
29	Petroleum and Coal Products	—	401.0	—
30	Rubber and Plastics	51.9	519.3	10.0
31	Leather and Leather Products	—	103.9	—
32	Stone, Clay and Glass	3.1	408.7	.8
33	Primary Metal Industries	24.2	1,490.2	1.6
34	Fabricated Metal Products	46.2	1,429.3	3.2
35	Machinery, except Electrical	745.5	7,823.6	9.5
36	Electrical Equipment and Supplies	194.1	3,295.8	5.9
37	Transportation Equipment	20.3	7,841.7	.3
38	Instruments and Related Products	7.6	1,530.9	.5
39	Misc. Mfg.	28.6	1,251.7	2.3
	Total Exports	1,499.8	36,608.0	4.0%

Source: Survey of the Origin of Exports of Manufacturing, 1976 Census of Manufactures, U.S. Dept. of Commerce, Bureau of the Census.

Iowa travel is a billion dollar industry

Travel, vacations, conventions and outdoor life add up to an annual billion dollar industry in Iowa's quickly growing tourism and travel industry. A 1980 study completed at travel information centers showed that the average travel party of three spent $57.12 each day they were in the state.

Iowa, which was named "The Beautiful Land" by Native Americans, has something for everyone. The state is dotted with historical sites, cultural facilities and terrain that can accommodate everything from downhill skiing to bicycling. The state's numerous hotels range from quaint to luxurious. There are an abundance of game and campgrounds, along with some of the finest golf courses in America.

Iowa has 19,000 miles of interior fishing streams, two major natural "great lake" areas and four of the nation's largest man-made lakes. The bordering Mississippi and Missouri Rivers offer water sports, scenery and the excitement of passenger or commercial water travel.

facts show something for everyone in Iowa, 1979

277,863	Resident Fishing Licenses
148,341	Resident Hunting Licenses
109,335	Resident Combination Licenses
27,302	Non-Resident Hunting Licenses
10,354	Non-Resident Fishing Licenses
55,627	Gun Deer Licenses
12,515	Bow & Arrow Deer Licenses
11,334	Landowner-Tenant Deer Licenses
52,865	Iowa Duck Stamps
24,604	Trout Stamps
22,415	Resident Trapping
3,156	Turkey Licenses
368	Non-Resident Raccoon Stamp

300,000	Acres of Public Hunting Areas
42,000	Acres of Public Waterfowl Refuges
1,000,000	Visitors to Public Hunting Areas
59%	of Visitors to Public Hunting Areas Were Not Hunters
203,500	Surface Acres of River Boundary Waters
80,000	Farm Ponds in Southern Iowa
33,000	Acres of Natural Lakes
14,000	Acres of Man-Made Lakes
2,000	Acres of Oxbow Lakes
30,200	Acres of Federal Reservoirs
19,000	Miles of Interior Fishing Streams
66	State Parks and Recreation Areas
42	State Parks with Lakes
50	State Parks with Camping
50,437	Acres of State Owned Land and Water
23,500	Acres of State Forests
4,000	Acres of State Preserves Areas
963	County Conservation Board Areas
26	State Wildlife Stations

Iowa, number 1 pheasant state

Species	No. Hunters	Game Harvested
Pheasant	242,000	1,201,000
Rabbits	115,000	461,285
Squirrel	111,000	696,000
Quail	73,000	312,000

Species	No. Hunters	Game Harvested
Wild Turkey	3,200	688
Deer Bow	13,400	3,300
Gun	66,700	16,150
Total Deer	80,100	19,450

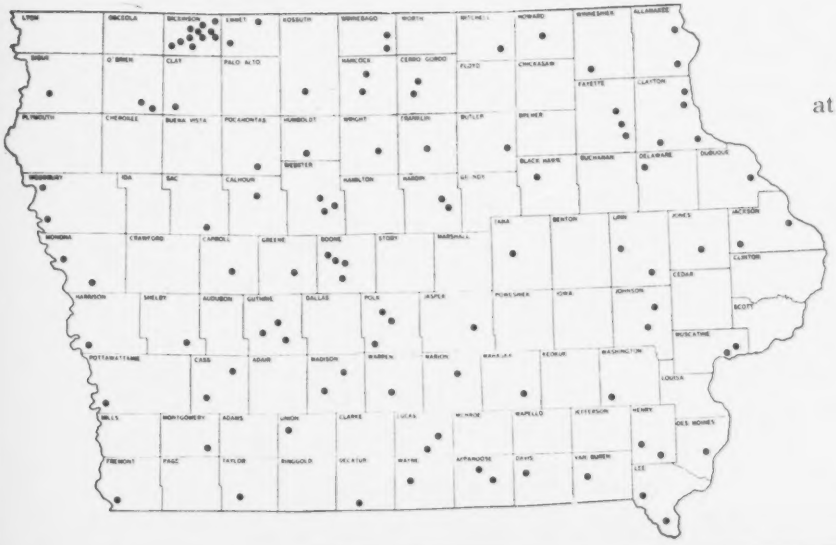
Source: Iowa Conservation Commission's "Quickie Facts & Figures."

state park attendance, 1979

A. A. Call	235,398
Backbone	864,229
Beeds Lake	213,539
Bellevue	280,162
Black Hawk	613,941
Bob White	49,240
Brushy Creek	156,468
Clear Lake	286,850
Dolliver	227,095
Elk Rock	95,662
Emerson	201,663
Ft. Defiance	116,041
Geode	435,300
George Wyth	365,660
Green Valley	408,735
Gull Point	202,693
Honey Creek	238,070
Isthmus	43,555
Lacey-Keosauqua	264,050
Lake Ahquabi	388,844
Lake Anita	185,235
Lake Darling	381,470
Lake Keomah	200,914
Lake Macbride	698,750
Lake Manawa	907,450
Lake of Three Fires	151,879
Lake Wapello	212,671
Ledges	181,888
Lewis and Clark	152,250
Lower Gar	20,175
Maquoketa Caves	111,913
Marble Beach	126,982
Margo Frankel	62,260
McIntosh Woods	189,265
Mini-Wakan	1,685
Nine Eagles	90,868
Okamanpedan	31,680
Palisades-Kepler	224,255
Pammel	84,450
Pikes Peak	224,968
Pikes Point	61,611
Pilot Knob	107,458
Pine Lake	364,625
Pleasant Creek	72,210
Plum Grove	3,151
Prairie Rose	190,070
Preparation Canyon	13,836
Red Haw	285,000
Rock Creek	486,575
Springbrook	437,320
Stone Park	525,375
Trappers Bay	36,075
Twin Lakes	31,026
Union Grove	115,461
Viking Lake	153,162
Volga River	159,050
Walnut Woods	114,770
Wanata	15,420
Wapsipinicon	647,700
Waubonsie	130,474
Wild Cat Den	291,543
TOTAL ATTENDANCE FOR 1979—ALL PARKS	14,170,115

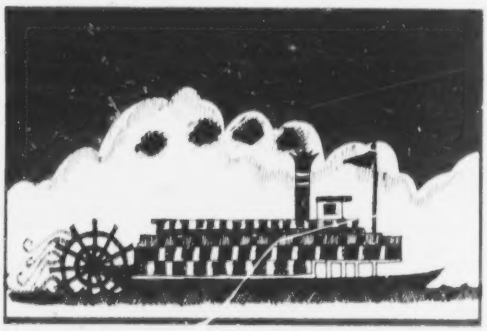
Source: Iowa Conservation Commission.

state-owned recreation areas



Iowa's state owned parks and recreation areas offer:

Camping
Hunting
Picnicking
Swimming
Boating
Fishing
Nature Trails
Golf
Winter Skiing
Snowmobile Trails
and many, many more



economic impact of travel on Iowa

	1976	1977	1978
Total expenditures	$943,869,000	$1,012,381,000	$1,267,900,000
Average travel expenditures per county in Iowa	$ 9,500,000	$ 10,200,000	$ 12,800,000
Jobs directly attributable to traveler spending in Iowa	$ 43,000	$ 44,000	$ 49,000
Average travel expenditures generating one job in the travel industry	$ 21,689	$ 23,000	$ 25,800
Tax revenue directly generated by travelers to the State Treasury	$ 42,200,000	$ 44,500,000	$ 44,640,000

Source: U.S. Travel Data Center County Travel Economic Impact Model (CTEIM)

state park camping attendance, 1979

Area	Individuals	Guest Days
A. A. Call	300	333
Backbone	22,737	39,304
Beeds Lake	12,521	19,937
Bellevue	2,452	3,587
Black Hawk	8,546	22,014
Bob White	1,969	3,050
Brushy Creek	3,324	2,545
Clear Lake	14,493	22,714
Dolliver	3,728	5,916
Elk Rock	336	198
Ft. Defiance	611	542
Geode	13,970	24,624
George Wyth	4,690	7,308
Green Valley	13,405	14,184
Gull Point	45,397	76,020
Honey Creek	9,936	16,984
Lacey-Keosauqua	6,803	10,571
Lake Ahquabi	8,243	26,011
Lake Anita	12,195	17,331
Lake Darling	9,947	18,340
Lake Keomah	5,342	10,005
Lake Macbride	12,855	20,265
Lake Manawa	5,552	8,907
Lake of Three Fires	8,618	12,724
Lake Wapello	6,814	14,036
Ledges	3,846	4,757
Lewis and Clark	5,393	6,815
Maquoketa Caves	3,359	4,331
McIntosh Woods	3,791	5,537
Nine Eagles	5,505	8,140
Palisades Kepler	6,236	10,809
Pammel	738	849
Pikes Peak	10,867	13,910
Pilot Knob	2,591	4,156
Pine Lake	11,085	17,981
Prairie Rose	6,640	10,198
Red Haw	8,316	14,179
Rock Creek	20,171	36,825
Springbrook	11,379	17,170
Stone Park	1,845	2,492
Union Grove	2,268	3,481
Viking Lake	12,245	20,391
Volga River	2,574	1,783
Walnut Woods	1,774	3,193
Wapsipinicon	5,915	2,250
Waubonsie	2,142	8,957
Wild Cat Den	1,047	2,325
TOTALS	364,511	597,979

Source: Iowa Conservation Commission

impact of travel on Iowa counties, 1978

County	Total Expenditures (Thousands)	Travel Generated Payroll (Thousands)	Travel Generated Employment (Jobs)	State Tax Receipts (Thousands)	Local Tax Receipts (Thousands)
State Total	$1,267,900	$255,500	49,075	$44,641	$4,703
Polk	353,510	78,929	12,764	10,793	1,453
Woodbury	99,042	22,865	3,225	2,635	421
Linn	93,139	20,195	3,417	2,980	372
Scott	91,597	16,353	3,706	3,429	301
Black Hawk	87,474	19,891	2,861	2,421	366
Johnson	51,351	9,578	2,384	2,198	176
Dickinson	49,630	8,884	2,075	1,845	164
Dubuque	32,912	5,977	1,470	1,406	110
Cerro Gordo	30,307	5,508	1,336	1,248	101
Lee	27,541	4,482	730	645	83
Story	26,319	4,959	1,215	1,138	91
Pottawattamie	21,971	3,968	975	956	73
Des Moines	21,271	3,814	940	877	70
Jasper	18,246	3,306	830	783	61
Muscatine	16,883	3,070	749	724	57
Iowa	12,331	2,243	569	525	41
Marshall	11,656	2,162	526	507	40
Wapello	10,736	1,941	478	458	36
Clay	10,473	1,912	470	452	35
Boone	8,151	1,473	365	352	27
Webster	7,490	1,338	313	336	25
Mahaska	5,272	964	231	219	18
Buchanan	5,104	885	201	193	16
Crawford	4,559	828	203	198	15
Bremer	4,547	825	202	197	15
Appanoose	4,502	815	201	193	15
Hardin	4,435	790	191	195	15
Guthrie	4,403	795	199	186	15
Harrison	4,306	744	181	189	14
Carroll	4,180	757	181	186	14
Dallas	4,131	722	174	181	13
Clinton	4,127	681	140	185	13
Fayette	4,086	724	174	179	13
Monona	4,075	725	180	175	13
Kossuth	3,944	676	156	180	12
Jackson	3,913	692	162	157	13
Montgomery	3,912	700	175	169	13
Clarke	3,754	671	168	161	12
Cherokee	3,577	654	160	156	12
Clayton	3,384	585	137	139	11
Poweshiek	3,384	601	125	121	11
Chickasaw	3,076	546	136	133	10
Humboldt	3,027	534	132	132	10
Winneshiek	2,973	545	130	130	10
Marion	2,945	541	126	130	10
Buena Vista	2,912	523	123	129	10
Keokuk	2,897	508	125	126	9
Butler	2,849	507	125	121	9
Emmet	2,838	510	121	121	9
Floyd	2,636	479	112	115	9
Palo Alto	2,594	450	104	102	8
Henry	2,560	453	105	112	8
Jones	2,500	424	102	110	8
Hamilton	2,428	434	103	106	8

impact of travel on Iowa counties, 1978 (con't.)

County	Total Expenditures (Thousands)	Travel Generated Payroll (Thousands)	Travel Generated Employment (Jobs)	State Tax Receipts (Thousands)	Local Tax Receipts (Thousands)
Page	$2,421	$427	101	$108	$8
Jefferson	2,404	436	104	107	8
Delaware	2,381	379	61	60	7
Cedar	2,303	390	90	95	7
Worth	2,203	396	100	94	7
Pocahontas	2,163	380	93	94	7
O'Brien	2,155	367	87	97	7
Plymouth	2,110	363	81	96	7
Allamakee	2,098	354	77	78	7
Winnebago	2,029	373	87	89	7
Washington	1,825	312	71	82	6
Union	1,824	327	78	80	6
Shelby	1,813	322	77	80	6
Davis	1,784	311	76	76	6
Wayne	1,776	309	75	78	6
Mills	1,748	296	71	78	5
Sioux	1,722	302	61	83	6
Fremont	1,668	314	77	72	6
Adams	1,647	300	75	70	6
Monroe	1,543	265	64	68	5
Tama	1,508	257	57	64	5
Decatur	1,469	264	66	63	5
Cass	1,416	262	57	64	5
Calhoun	1,415	212	35	46	4
Warren	1,346	202	42	64	4
Lucas	1,304	226	55	57	4
Madison	1,270	210	49	56	4
Wright	1,233	193	39	49	4
Audubon	1,224	228	53	55	4
Franklin	1,224	206	49	53	4
Howard	1,222	212	51	52	4
Adair	1,214	209	51	53	4
Osceola	1,157	204	50	50	4
Greene	1,133	203	48	50	4
Sac	1,092	167	28	33	3
Louisa	1,008	155	27	33	3
Hancock	898	171	37	39	3
Mitchell	879	146	33	37	3
Grundy	775	123	27	35	2
Ringgold	718	120	27	29	2
Ida	676	111	26	31	2
Benton	649	88	16	30	2
Taylor	575	101	25	25	2
Lyon	571	87	20	27	2
Van Buren	487	83	20	20	2

Source: U.S. Travel Center County Travel Economic Impact Model (CTEIM), 1979.

travel to and through Iowa, 1977

Characteristics of trip or traveler	All travel to and through state				Trips to destinations			
					In This State		In Other States[1]	
	Households taking trips (thousands)	Persons taking trips (thousands)	Person-trips (thousands)	Person-nights (thousands)	Person-trips (thousands)	Person-nights (thousands)[2]	Person-trips (thousands)	Person-nights (thousands)[2]
TOTAL	3,364	7,673	17,665	29,173	8,763	25,814	1,772	3,360
Means of Transport								
Auto/Truck (without camping equip.)	(z)	(z)	14,468	21,757	7,129	19,802	1,185	1,955
Auto/Truck (with camping equip.)	(z)	(z)	1,806	2,219	772	1,733	290	486
Bus	(z)	(z)	154	393	109	349	45	45
Train	(z)	(z)	2	4	2	4		
Air	(z)	(z)	650	3,123	546	2,689	105	434
Other	(z)	(z)	106	178	72	97	35	81
Purpose of Trip								
Visit Relatives/Friends	(z)	(z)	7,867	13,760	4,063	12,158	736	1,602
Business	(z)	(z)	2,413	7,166	1,572	6,873	168	293
Convention	(z)	(z)	353	361	139	294	38	67
Outdoor Recreation	(z)	(z)	1,891	1,400	672	1,151	106	249
Entertainment	(z)	(z)	982	578	309	416	130	162
Sightseeing	(z)	(z)	1,220	1,090	254	447	356	643
Personal/Fam. Aff./Med.	(z)	(z)	1,702	3,448	1,016	3,277	117	171
Shopping	(z)	(z)	118	26	71	26		
Other	(z)	(z)	1,121	1,345	668	1,172	123	173
Family Income								
Under $5,000	401	700	2,046	2,762	1,098	2,369	115	392
$5,000 to $7,499	252	526	859	1,194	369	1,004	118	191
$7,500 to $9,999	271	567	1,309	2,108	776	1,761	124	348
$10,000 to $14,999	749	1,684	3,453	6,549	1,649	5,867	397	681
$15,000 to $19,999	628	1,539	3,749	5,788	1,893	5,210	350	578
$20,000 to $24,999	421	1,167	2,188	3,577	1,027	3,086	269	491
$25,000 to $49,999	559	1,314	3,704	3,878	1,697	3,217	382	661
$50,000 or More	84	176	358	3,318	255	3,300	18	18
Occupation of Household Head								
Professional and Technical	577	1,364	3,228	5,495	1,678	4,758	363	737
Mgr./Admin. Except Farm	464	1,118	2,514	4,880	1,398	4,435	310	445
Sales	175	320	1,185	517	409	480	37	37
Clerical	227	434	773	1,483	309	1,162	86	321
Craft and Kindred	526	1,429	3,627	6,337	1,732	5,776	365	561
Operatives	261	646	1,414	3,249	787	3,115	83	134
Nonfarm Laborers	37	97	112	77	28	47	27	30
Service Workers	166	439	803	982	477	881	53	101
Farm Workers	246	615	1,969	1,664	1,029	1,496	105	168
Retired	391	756	1,335	2,450	590	1,895	242	555
Other	295	456	705	2,039	326	1,769	100	270
Size of Household								
1 Person	626	570	1,168	2,674	495	2,188	116	486
2 Persons	1,203	2,106	4,850	10,027	2,174	8,864	583	1,163
3 Persons	500	1,200	3,087	3,345	1,403	2,917	275	428
4 Persons	554	1,741	4,689	5,551	2,560	4,874	438	676
5 Persons or More	481	2,056	3,871	7,577	2,132	6,971	360	607
Weekend or Other Trip								
Weekend	(z)	(z)	7,117	7,291	4,302	7,058	185	233
Not a Weekend	(z)	(z)	10,440	51,774	4,415	18,647	1,587	3,127
Not Reported	(z)	(z)	108	108	46	108		
Vacation or Other Trip								
Vacation	(z)	(z)	8,386	14,334	2,964	11,686	1,379	2,648
Not a Vacation	(z)	(z)	9,179	14,634	5,771	13,969	370	665
Not Reported	(z)	(z)	100	206	28	159	23	47
Round-Trip Distance								
200 to 299 Miles	(z)	(z)	3,916	4,002	3,155	3,965	24	37
300 to 399 Miles	(z)	(z)	2,769	3,950	2,002	3,899	28	51
400 to 599 Miles	(z)	(z)	3,384	3,864	1,580	3,706	119	158
600 to 799 Miles	(z)	(z)	1,647	7,778	967	7,538	100	239
800 to 999 Miles	(z)	(z)	943	1,244	273	1,035	52	209
1,000 to 1,999 Miles	(z)	(z)	2,135	2,855	372	1,874	527	982
2,000 and Over	(z)	(z)	2,614	5,275	414	3,796	823	1,480
Outside United States	(z)	(z)	256	204			98	204
Duration of Trip								
No Nights out of Town	(z)	(z)	2,524		2,067			
1 Night	(z)	(z)	2,272	1,700	1,715	1,692	8	8
2-3 Nights	(z)	(z)	5,867	6,766	2,916	6,510	229	256
4-9 Nights	(z)	(z)	3,899	7,564	1,391	6,772	517	792
10-15 Nights	(z)	(z)	1,511	5,431	440	4,552	470	879
16 Nights or More	(z)	(z)	1,592	7,712	234	6,288	547	1,424

travel to and through Iowa, (continued)

Characteristics of trip or traveler	All travel to and through state				Trips to destinations			
					In This State		In Other States[1]	
	Households taking trips (thousands)	Persons taking trips (thousands)	Person-trips (thousands)	Person-nights (thousands)[2]	Person-trips (thousands)	Person-nights (thousands)[2]	Person-trips (thousands)	Person-nights (thousands)[2]
Number on Trip[3]								
1 Person	(z)	(z)	4,693	11,997	2,460	10,938	401	1,059
2 Persons	(z)	(z)	5,949	7,180	2,486	6,063	646	1,117
3 Persons	(z)	(z)	1,920	2,556	913	2,290	206	267
4 Persons	(z)	(z)	3,375	4,175	1,973	3,566	360	609
5 Persons or More	(z)	(z)	1,728	3,265	932	2,957	159	308
Age of Traveler[3]								
Under 18 Years		1,983	4,127	6,320	2,293	5,634	414	686
18-24	382	935	1,895	2,790	791	2,300	173	491
25-34	764	1,294	3,083	3,737	1,308	3,157	312	580
35-44	614	974	2,886	5,275	1,665	4,888	224	387
45-54	652	999	2,834	6,331	1,588	6,025	207	306
55-64	490	846	1,707	2,596	532	1,995	299	602
65 Years and Over	463	643	1,134	2,124	587	1,816	143	308
Education of Traveler[3]								
Elementary School or Less	308	2,086	4,232	6,521	2,253	5,711	499	810
High School	1,591	3,328	7,647	13,919	3,640	12,768	637	1,151
College	1,465	2,259	5,786	8,734	2,871	7,335	637	1,399
Sex of Traveler[3]								
Male	2,824	3,939	9,639	16,377	4,802	14,975	904	1,402
Female	540	3,735	8,026	12,796	3,962	10,838	868	1,958
Area of Permanent Residence								
In an SMSA Under One Million	953	2,339	7,143	7,877	3,666	6,996	541	880
In an SMSA One Million and Over	1,020	2,238	4,000	9,833	2,141	8,644	675	1,189
Not in an SMSA	1,391	3,097	6,522	11,464	2,957	10,173	555	1,291
Travel Region of Origin								
New England	(z)	(z)	138	133	12	17	96	116
Eastern Gateway	(z)	(z)	266	555	91	395	119	161
G. W. Country	(z)	(z)	176	349	51	288	46	61
South	(z)	(z)	312	1,454	161	1,310	70	144
Great Lakes Country	(z)	(z)	13,103	14,436	6,561	13,017	852	1,420
Mountain West	(z)	(z)	1,396	2,303	677	1,903	209	400
Frontier West	(z)	(z)	1,775	7,182	985	6,417	290	765
Far West and Hawaii	(z)	(z)	500	2,760	227	2,467	90	293

NOTE: Data include only those trips through the State in which 1 night or more was spent in the State. Detail may not add to totals within the table and totals may differ between tables due to rounding.

— Represents zero or rounds to zero. (z) Not applicable.

[1]Includes trips to destinations outside the United States.

[2]Nights spent in state.

[3]Includes total nights spent on trip, not just nights spent in state.

[4]Apparent inconsistency between figure for household trips and that for person-trips is because the two kinds of trips were weighted independently.

Iowa is an overnight trip to one-fourth of nation's population; has beelines to seaports

Iowa is an ideal distribution point.

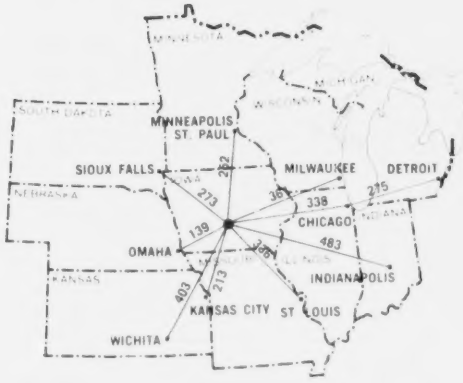
Only a day away are Chicago, Twin Cities, St. Louis, Kansas City, Milwaukee, Omaha, and Wichita – plus the many wealthy markets in between.

A rig can reach the farthest point in America in only three days; a train can do it in four.

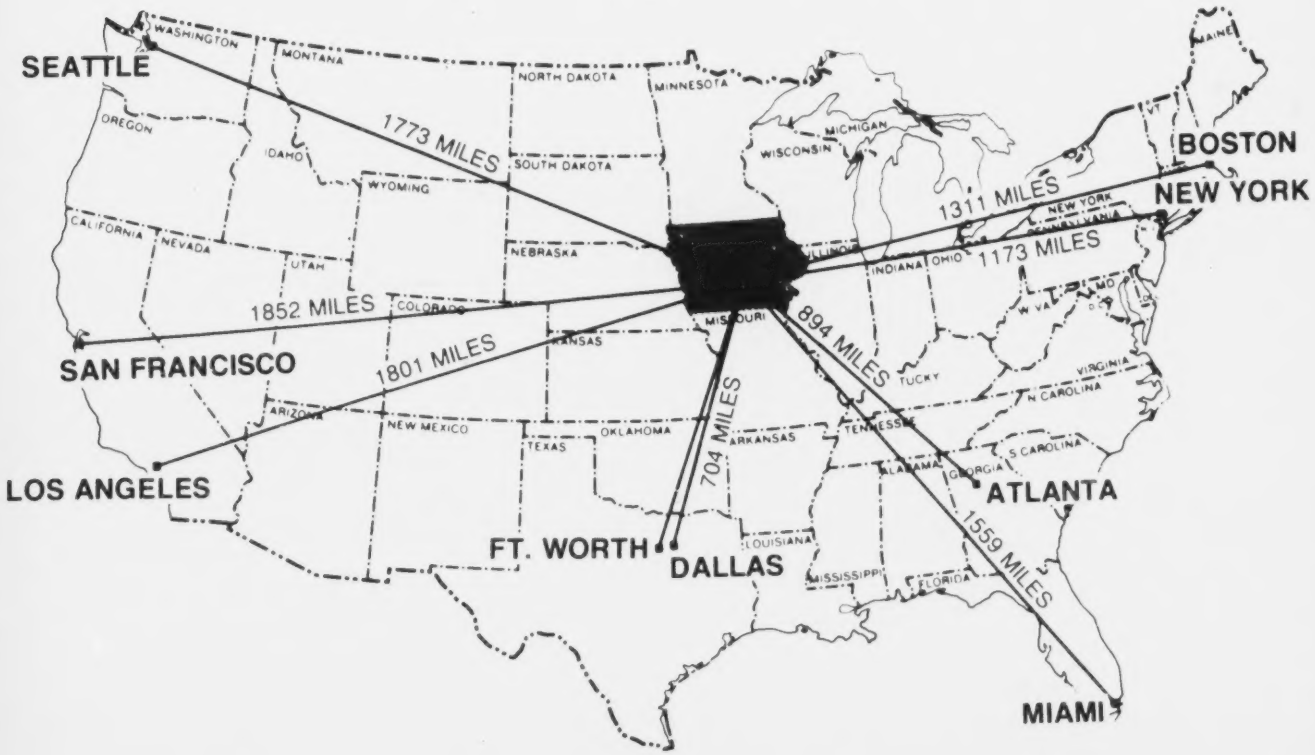
The nation's two transcontinental interstate highways intersect in Iowa. The state is served by all major truck lines and "double bottoms" are legal. You can reach the sea by water or road.

Add Iowa's transportation advantages to its "Open Port Warehousing" (page 5) and you have the perfect combination for moving products.

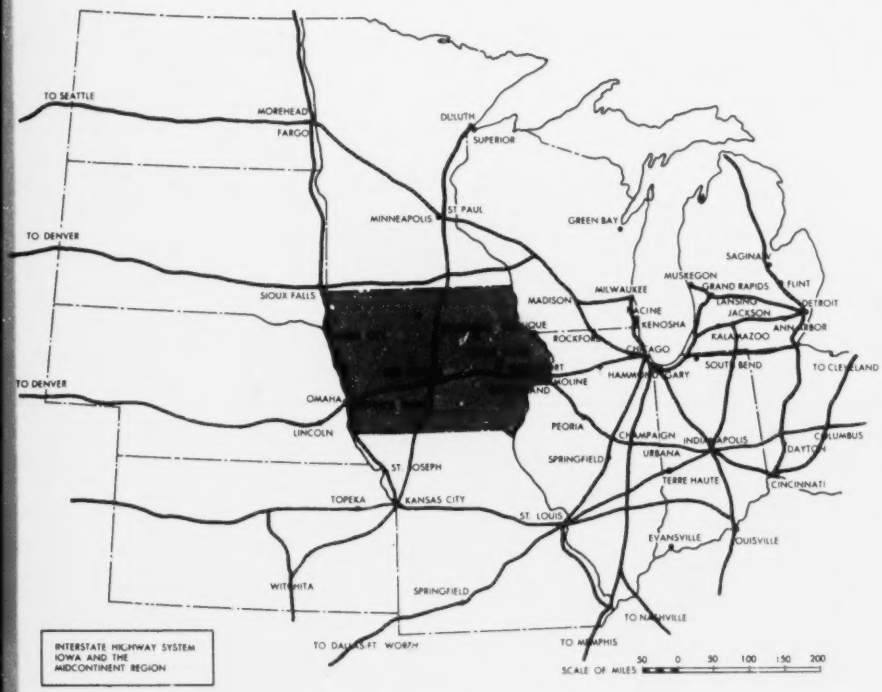
DISTANCE FROM CENTRAL IOWA TO URBAN CENTERS IN TEN-STATE REGIONAL MARKET



America's most depression-proof market, with 47 million people and 65,000 factories.



Iowa transportation



INTERSTATE HIGHWAY SYSTEM
IOWA AND THE MIDCONTINENT REGION

Iowa is ahead of 40 other states in miles of roads, even though it is only twenty-fifth in area.

Aside from its interstate highways, Iowa's extensive internal road system is based on a "farm-to-market" philosophy that reflects the urgency of moving the vast agricultural production.

Those same roads and highways, constantly updated, now also serve the industries that have been established in all parts of Iowa since World War II.

You can drive to Boston from Iowa's western border without hitting a stop sign.

how Iowa gets around—land and air

Railroads	
Class I Miles of Road	6,904
Motor Vehicle Registration—1979	2,915,728
Auto	1,703,725
Trucks	593,385
Motorcycles	203,600
Truck Tractors	10,901
Airports—Public and Private	355
All Weather Runways	90
Lighted Runways	131

Iowa Highway and Road Mileage—Jan. 1, 1980	
Portland cement	12,192.13
Asphalt paved	19,938.14
Bituminous treated	2,927.29
Gravel or stone	70,946.93
Not surfaced	6,075.56
Total	112,080.05
Municipal	13,170.98
Rural	98,599.91
State Parks & Inst. Roads	309.16

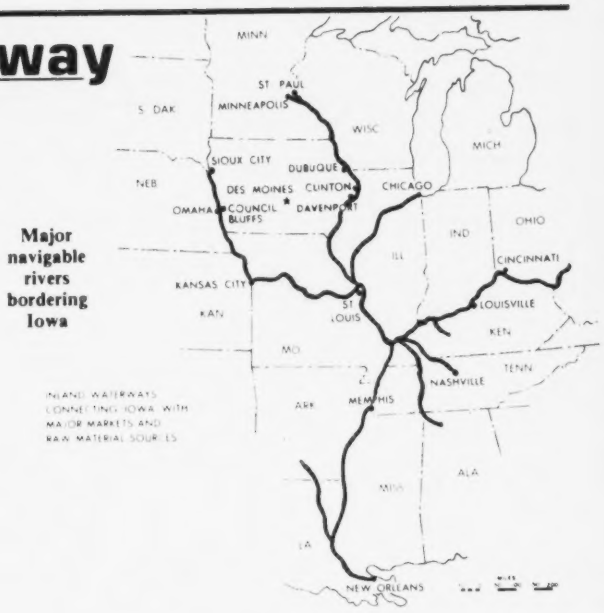
Source: Iowa Department of Transportation.

goes everywhere everyway

Iowa has water routes to the seas, industrial centers

Iowa is the *only* state bordered by two navigable rivers. Goods can go by water as far east as Pennsylvania, west to Oklahoma, and to seaports on the Gulf and Great Lakes.

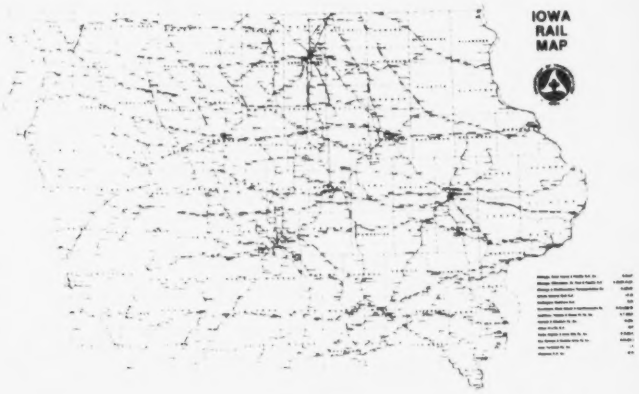
Over 32,600,000 tons of cargo moved on the Mississippi past Davenport in 1979. It included more than 21 million tons of grain, more than 4 million tons of coal and more than 2 million tons of petroleum.



Iowa railroads reliable

Iowa has about 7,600 railroad employees, with eight Class I and seven Class III railroads and over 6,900 miles of track.

Class I railroads serving Iowa offer "piggyback" service. Shipments can reach about one-fourth of the nation in a day, the farthest point in about four.

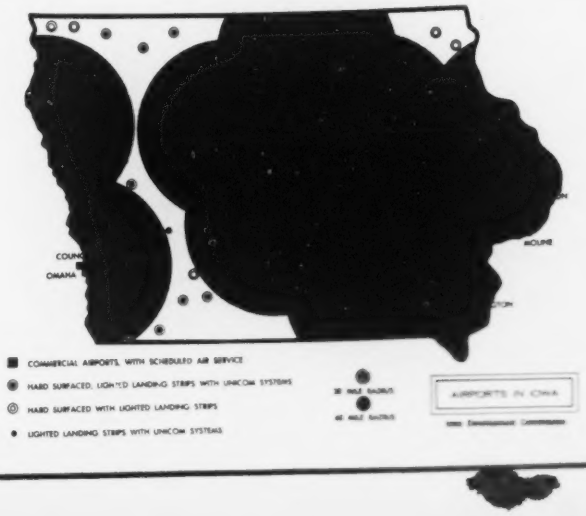


MAJOR RAILROADS SERVING IOWA

You can blanket Iowa by air

Iowa has 355 public and private airports. Of these, 90 have all-weather runways and 131 are lighted. Almost 3,200 general aircraft are in use in Iowa.

Iowa is served by five first-level airlines (United, Ozark, Braniff, Frontier, Republic) and four commuter airlines (Lake State Airways, Mid-Continent Airlines, Mississippi Valley Airlines, Air Mid-West).


COMMERCIAL AIRPORTS, WITH SCHEDULED AIR SERVICE
HARD SURFACED, LIGHTED LANDING STRIPS WITH UNICOM SYSTEMS
HARD SURFACED WITH LIGHTED LANDING STRIPS
LIGHTED LANDING STRIPS WITH UNICOM SYSTEMS
AIRPORTS IN IOWA

Next four pages show scope of Iowa transportation

revenue freight originating on class 1 railroads, Iowa (tons)

Code No	Commodity	1967	1970	1975	1977	1978	1979
01	Farm Products	6,594,827	10,950,353	10,571,249	8,936,676	13,095,181	16,291,837
08	Forest Products	50				31	60
09	Fresh Fish	474	592	216			
10	Metallic Ores	623	1,597	308	822	476	193
11	Coal	608,077	548,202	243,922	232,466	274,473	247,364
13	Crude Petroleum	336	2,013		86		
14	Nonmetallic Minerals	2,278,296	2,084,640	1,876,412	1,670,820	1,665,242	1,537,623
19	Ordnance and Accessories	112,806	115,309	51,292	20,188	14,136	9,115
20	Food and Kindred Products	7,431,136	7,737,795	7,138,873	7,482,911	7,347,526	7,451,118
21	Tobacco Products	269	54	18	61	30	59
22	Basic Textiles	1,182	1,018	722	1,318	855	949
23	Apparel and Finished Textile	3,690	444	54	565	20	204
24	Lumber and Wood Products	172,484	165,503	94,892	76,147	74,728	79,331
25	Furniture and Fixtures	22,188	31,973	27,299	31,879	32,399	32,734
26	Pulp, Paper and Allied Products	102,117	114,831	100,392	94,086	90,029	100,167
27	Printed Matter	42,367	40,719	27,387	22,353	23,804	20,330
28	Chemical and Allied Products	1,393,263	1,929,577	1,644,605	1,715,441	1,809,772	1,847,620
29	Petroleum and Coal Products	177,477	227,352	85,736	92,315	86,358	86,415
30	Rubber and Miscellaneous Plastic	35,605	110,663	93,208	58,789	50,778	53,306
31	Leather and Leather Products	355	2,161	94	934	220	256
32	Stone, Clay, Glass Products	2,925,747	2,062,995	1,187,516	1,421,240	1,309,144	1,174,888
33	Primary Metal Products	214,707	229,061	166,447	213,687	221,029	199,306
34	Fabricated Metal Products	82,960	80,117	54,569	60,319	65,351	65,818
35	Machinery Except Electrical	213,547	173,756	165,762	133,178	112,047	128,331
36	Electrical Machinery	113,961	166,603	154,534	65,238	58,048	61,357
37	Transportation Machinery	25,078	28,674	27,392	49,046	89,804	67,363
38	Instruments, Optical Products	156	301		59	136	57
39	Miscellaneous Manufacturing Products	1,239	1,938	2,455	2,855	1,858	1,964
40	Wasted Scrap Materials	379,301	504,531	579,930	664,880	627,712	711,924
41	Miscellaneous Freight Shipments	8,827	9,312	5,826	3,023	9,250	11,184
42	Container, Returned Empty	30,093	32,756	17,323	13,318	11,223	10,197
44	Freight Forwarder Traffic	844	3,078	406	4,437	8,430	10,837
45	Shipper Associate or Similar Traffic	397	1,438	11,306	6,311	7,308	10,773
46	Miscellaneous Mixed Shipments	26,237	41,408	87,611	183,108	195,893	220,575
	Grand Total - Carload	23,000,716	27,400,765	24,417,956	23,258,556	27,283,291	30,433,255
47	Small Packaged Freight Shipments	6,041	8,866	1,660	1,916	2,003	2,322
	Carload and LCL Traffic	23,006,757	27,409,631	24,419,616	23,260,472	27,285,294	30,435,577

[1]Rock Island data based on 1978. 1979 data not available from the Rock Island.

Source: Iowa Department of Transportation, Advance Planning Division.

revenue freight terminating on class 1 railroads, Iowa (tons)

Code No	Commodity	1967	1970	1975	1977	1978	1979
01	Farm Products	6,098,438	5,849,797	5,318,918	4,283,930	3,408,115	3,300,217
08	Forest Products	6,484	18,405	19,592	25,789	20,639	26,955
09	Fresh Fish	20,620	14,594	9,126	7,863	8,265	7,273
10	Metallic Ores	74,928	49,587	8,016	20,756	33,496	35,262
11	Coal	3,077,387	3,402,527	4,071,743	5,681,879	6,937,659[1]	9,610,813
13	Crude Petroleum	274	2,224	224	18,164	1,432	996
14	Nonmetallic Minerals	2,642,300	2,459,163	2,352,562	2,081,476	2,085,320[1]	2,013,543
19	Ordnance and Accessories	56,901	78,220	37,285	1,866	1,004	3,110
20	Food and Kindred Products	2,222,532	2,455,156	1,765,620	1,971,139	1,798,441	1,779,019
21	Tobacco Products	2,135	4,209	6,907	4,458	4,324	3,442
22	Basic Textiles	17,306	16,886	18,893	16,225	9,478	10,507
23	Apparel and Finished Textile	3,874	905	476	642	718	645
24	Lumber and Wood Products	678,543	627,922	545,636	612,017	579,967	541,369
25	Furniture and Fixtures	18,098	24,031	20,097	14,604	13,596	11,797
26	Pulp, Paper and Allied Products	618,441	756,008	685,197	742,509	822,147	822,027
27	Printed Matter	4,786	6,019	9,493	2,717	530	168
28	Chemical and Allied Products	2,720,422	3,209,320	3,362,749	3,428,745	3,590,964	3,970,515
29	Petroleum and Coal Products	520,527	462,522	440,687	363,154	304,774	366,529
30	Rubber and Miscellaneous	42,308	68,369	47,288	61,965	51,227	49,435
31	Leather and Leather Products	582	2,528	196	255	158	65
32	Stone, Clay, Glass Products	1,774,557	840,991	633,174	575,094	502,659	415,057
33	Primary Metal Products	666,911	700,010	484,711	726,549	717,321	713,056
34	Fabricated Metal Products	185,250	161,217	117,788	56,699	50,411	34,084
35	Machinery Except Electrical	92,382	67,346	57,804	27,338	22,255	21,328
36	Electrical Machinery	35,881	49,500	27,671	17,230	21,874	24,173
37	Transportation Machinery	175,062	186,929	252,591	283,400	291,115	269,643
38	Instruments, Optical Products	420	867	509	398	103	143
39	Miscellaneous Manufacturing Products	1,722	2,474	1,382	1,048	745	960
40	Wasted Scrap Materials	320,549	367,445	313,510	422,459	563,833	571,202
41	Miscellaneous Freight Shipments	10,166	7,530	4,102	4,869	3,297	2,438
42	Container, Returned Empty	6,175	6,087	8,019	7,412	9,781	8,304
44	Freight Forwarder Traffic	8,365	12,325	2,628	2,497	793	3,651
45	Shipper Associate or Similar Traffic	17,119	4,588	13,653	13,704	13,349	16,788
46	Miscellaneous Mixed Shipments	54,993	103,996	115,415	93,903	88,295	109,796
	Grand Total - Carload	22,176,438	22,140,697	20,753,662	21,572,752	21,959,681	24,744,310
47	Small Packaged Freight Shipments	7,705	6,231	5,232	1,180	1,596	2,131
	Carload and LCL Traffic	22,184,143	22,146,928	20,758,894	21,573,932	21,961,277	24,746,441

[1]Rock Island data based on 1978. 1979 data not available from the Rock Island.

Source: Iowa Department of Transportation, Advance Planning Division.

class 1 motor freight carriers[1], Iowa intrastate

	1973	1974	1975	1976	1977	1978	1979
Total miles operated in Iowa	84,546,683	54,976,140	55,407,309	50,082,898	49,832,080	44,678,342	N/A
Tons hauled	1,727,823	773,548	438,343	274,966	203,251	263,279	N/A

[1]Freight motor carriers with revenues exceeding $200,000.
Source: Iowa Department of Transportation, Transportation Regulation Board.

class 1 liquid motor carriers[1], Iowa intrastate

	1973	1974	1975	1976	1977	1978	1979
Total miles operated in Iowa	27,379,528	25,544,939	26,213,806	22,840,315	21,199,405	21,492,736	N/A
Tons hauled	18,591,915	4,956,080	4,426,064	4,396,672	5,123,669	5,642,101	N/A
Gasoline consumed (gals.)	56,542	60,667	67,698	222,447	N/A	N/A	N/A

[1]Liquid motor carriers with revenues exceeding $200,000.
Source: Iowa Department of Transportation, Transportation Regulation Board.

class 1 railroads[1], Iowa

	1960	1965	1970	1975	1977	1978	1979
Miles of road within the State	8,301	8,154	7,963	7,457	7,041	6,963	6,904
Tons of revenue freight carried within the State	89,663,657	101,803,715	93,916,708*	112,680,340	122,568,000	134,630,000	147,264,000[2]

[1]Class 1 railroads are those having revenues of $50 million and over per year.
[2]Data from Rock Island based on 1978, 1979 data not available.
Source: Iowa Department of Transportation, Advance Planning Section.

class 1 passenger motor carriers[1], Iowa

	1960	1965	1970	1975	1977	1978	1979
Passenger motor bus miles in Iowa	8,715,633	9,550,434	11,015,445	10,549,970	10,677,405	10,712,963	N/A
Total revenue passengers carried in Iowa	1,457,524	1,211,394	1,267,331	1,388,463	1,439,808	1,244,396	N/A

[1]Passenger Motor Carriers with revenues exceeding $200,000.
Source: Iowa Department of Transportation, Transportation Regulation Board.

unofficial navigation tonnage

	1970 (tons)	1974 (tons)	1975 (tons)	1976 (tons)	1977 (tons)	1978 (tons)	1979 (tons)
Missouri River:							
Traffic—Sioux City to Omaha							
Grain	93,112	133,842	34,146	79,559	126,558	228,384	195,516
Food & Kindred Products	113,243	72,714	119,090	260,610	205,930	141,023	156,087
Chemicals	118,198	69,602	138,149	95,294	120,545	97,058	142,080
Other	48,765	45,693	64,029	61,185	61,312	50,151	48,615
Total	373,318	321,851	355,414	496,648	514,345	516,616	542,298
Mississippi River:							
Traffic—Rock Island District							
Grain	9,022,300	13,548,650	12,054,324	14,278,410	13,209,885	16,757,603	21,358,560
Coal	6,401,355	4,434,350	4,932,500	3,842,030	4,584,700	4,168,450	4,176,600
Petroleum	2,708,721	2,233,074	2,100,053	2,212,265	2,747,044	2,519,879	2,488,060
Other	4,278,094	4,758,706	5,418,246	5,325,024	5,850,135	5,830,900	4,589,233
Total	22,410,470	24,964,780	24,505,123	25,657,729	26,391,764	29,276,832	32,612,453

Source: Iowa Department of Transportaion, River Division.

Iowa road construction, summary of contracts approved

Fiscal Year	Primary Roads	Interstate Roads	State Parks and Institutional Roads	Farm to Market Roads	Total
7-1-62 to 6-30-63	$ 30,350,268	$21,551,554	$ 939,127	$24,366,536	$ 77,207,486
7-1-63 to 6-30-64	43,187,627	35,842,586	303,426	22,721,379	102,055,019
7-1-64 to 6-30-65	25,171,981	31,077,640	121,606	21,730,757	78,101,985
7-1-65 to 6-30-66	38,449,469	57,713,523	868,415	23,740,849	120,772,257
7-1-66 to 6-30-67	47,508,849	52,000,455	485,417	26,354,687	126,349,410
7-1-67 to 6-30-68	33,889,646	31,241,967	1,088,633	25,657,851	91,878,099
7-1-68 to 6-30-69	37,199,319	43,705,878	1,141,888	27,332,571	109,379,657
7-1-69 to 6-30-70	54,797,875	47,081,770	629,922	26,248,892	128,758,461
7-1-70 to 6-30-71	71,516,579	44,568,497	921,445	30,401,417	147,407,939
7-1-71 to 6-30-72	77,174,848	30,055,936	834,473	28,922,870	136,988,128
7-1-72 to 6-30-73	56,389,721	20,572,545	727,417	29,055,532	106,745,216
7-1-73 to 6-30-74	73,580,000	51,147,000	1,360,000	32,310,000	158,710,905
7-1-74 to 6-30-75	93,693,469	28,921,887	839,234	38,643,382	162,097,972
7-1-75 to 6-30-76	74,349,436	24,923,643	655,277	31,019,921	130,948,279
7-1-76 to 6-30-77	99,07[illegible]27	43,357,379	679,271	33,989,926	177,102,904
7-1-77 to 6-30-78	121,11[illegible]115	15,007,379	805,732	45,051,623	181,974,849
7-1-78 to 6-30-79	105,27[illegible]146	54,518,440	1,437,092	47,287,367	208,520,045
7-1-79 to 6-30-80	75,539,584	20,875,799	1,873,688	49,772,220	148,061,291

Source: Iowa Department of Transportation, Contracts.

traffic fatality rates midwest states

State	Traffic Deaths 1978	Traffic Deaths 1979	Traffic Deaths per 100,000,000 vehicle miles 1978	Traffic Deaths per 100,000,000 vehicle miles 1979
U.S.	51,500	51,900	3.3	3.4
Iowa	650	654	3.3	3.1
Illinois	2,166	2,048	3.3	3.1
Kansas	572	520	3.4	3.4
Minnesota	980	881	3.4	3.0
Missouri	1,224	1,162	3.5	3.4
Nebraska	350	330	2.8	2.7
S. Dakota	194	211	3.3	3.8
Wisconsin	998	997	2.9	3.0

Source: National Safety Council: "Accident Facts."

motor vehicle registrations, Iowa

	1960	1965	1970	1974	1975	1976	1977	1978	1979
Autos	1,074,094	1,241,090	1,387,368	1,497,497	1,528,511	1,584,953	1,617,707	1,531,190	1,703,725
Trucks	240,791	293,473	374,080	468,015	498,049	501,294	560,610	527,287	593,385
Truck Tractors	7,372	6,731	7,406	12,631	12,651	20,026	12,335	6,505	10,901
Motorcycles	11,068	25,779	60,835	138,021	148,669	151,131	159,503	160,136	203,600
Semi-Trailers	126,051[1]	7,817	9,841	14,589	16,364	38,170	18,661	20,185	28,936
Regular Trailers		89,125	113,242	145,838	159,505	169,580	180,270	171,751	224,944
Travel Trailers		16,834	39,013	56,426	60,505	64,909	68,172	64,977	70,066
Mobile Homes		34,619	48,720	73,475	76,095	78,620	81,326	49,934	80,171
Total Registrations	1,459,376	1,747,150	2,075,805	2,393,542	2,506,722	2,608,683	2,698,584	2,531,965	2,915,728
Official Registrations				47,238	39,800	41,097	NA	NA	NA
Total				2,454,764	2,546,522	2,649,780	2,698,584	2,531,965	2,915,728

[1]Figure for total trailers.
Source: Iowa Department of Transportation, Motor Vehicle Registration Reports for 1960, 1965, 1970, 1974-79.

motor vehicle registration, 1979

County	License Number Prefix	Total Registrations[1]
Adair	1	11,269
Adams	2	6,792
Allamakee	3	16,145
Appanoose	4	16,652
Audubon	5	9,388
Benton	6	25,471
Black Hawk	7	130,378
Boone	8	29,571
Bremer	9	25,318
Buchanan	10	22,981
Buena Vista	11	23,176
Butler	12	19,667
Calhoun	13	15,272
Carroll	14	22,980
Cass	15	19,525
Cedar	16	20,614
Cerro Gordo	17	49,055
Cherokee	18	18,372
Chickasaw	19	16,050
Clarke	20	9,186
Clay	21	21,622
Clayton	22	21,836
Clinton	23	55,349
Crawford	24	19,934
Dallas	25	32,978
Davis	26	8,926
Decatur	27	9,681
Delaware	28	18,502
Des Moines	29	47,481
Dickinson	30	18,575
Dubuque	31	75,643
Emmet	32	15,248
Fayette	33	25,699
Floyd	34	21,090
Franklin	35	15,603
Fremont	36	10,828
Greene	37	14,771
Grundy	38	16,236
Guthrie	39	13,817
Hamilton	40	20,674
Hancock	41	15,595
Hardin	42	25,008
Harrison	43	17,426
Henry	44	20,037
Howard	45	12,022
Humboldt	46	14,779
Ida	47	10,196
Iowa	48	17,252
Jackson	49	22,442
Jasper	50	39,988
Jefferson	51	15,966
Johnson	52	64,819
Jones	53	21,228
Keokuk	54	14,444
Kossuth	55	25,476
Lee	56	41,818
Linn	57	158,749
Louisa	58	13,597
Lucas	59	11,425
Lyon	60	12,846
Madison	61	14,651
Mahaska	62	24,485
Marion	63	29,481
Marshall	64	43,725
Mills	65	13,070
Mitchell	66	13,242
Monona	67	14,830
Monroe	68	10,618
Montgomery	69	14,477
Muscatine	70	40,131
O'Brien	71	18,422
Osceola	72	9,422
Page	73	18,592
Palo Alto	74	13,842
Plymouth	75	24,811
Pocahontas	76	13,281
Polk	77	279,439
Pottawattamie	78	79,777
Poweshiek	79	20,585
Ringgold	80	7,392
Sac	81	16,128
Scott	82	143,351
Shelby	83	16,259
Sioux	84	29,332
Story	85	58,123
Tama	86	21,423
Taylor	87	9,277
Union	88	14,548
Van Buren	89	9,433
Wapello	90	42,070
Warren	91	35,350
Washington	92	21,690
Wayne	93	9,333
Webster	94	45,964
Winnebago	95	15,578
Winneshiek	96	20,799
Woodbury	97	91,221
Worth	98	10,147
Wright	99	17,796
County Total		2,899,563
Non-Resident		16,165
Total		2,915,728

[1]Does not include non-resident registrations.
Source: Iowa Department of Transportation, Motor Vehicle Registration Division.

right to work protected by Iowa law

Iowa law insures that no worker can be deprived of getting or keeping a job because the worker belongs, or does not belong, to any kind of organization—association, labor union, club, professional group, whatever.

Traditionally, support for this law has transcended philosophical differences between political parties and among Iowa legislators. It is unlikely to be changed.

STATES WHICH BAN FORCED UNIONISM ARE SHOWN IN WHITE

All of the plains states except one were below the national average in estimated time lost due to work stoppages.

Iowa scores well in labor-management harmony

	Union Membership (000's)			Work Stoppages 1976[1]		
	1970	1972	1974	Number	Workers Involved (000's)	Days Idle (000's)
Iowa	186	187	212	78	47.1	1,109.6
Minnesota	378	383	375	115	22.8	465.4
Kansas	112	110	110	31	15.2	504.6
Illinois	1,548	1,526	1,584	421	151.4	1,891.0
Nebraska	86	87	83	14	6.7	175.9
Missouri	594	551	575	163	62.7	1,197.3
Wisconsin	482	469	490	78	31.7	685.3
South Dakota	21	22	23	5	3.5	16.1
Indiana	657	647	670	193	88.1	1,593.2
Ohio	1,413	1,369	1,389	549	270.8	4,838.6
All States	19,757	19,789	20,566	5,648	2,420.0	37,858.9

[1]Source: U.S. Department of Commerce, Statistical Abstract of the United States, 1976 and Work Stoppages, U.S. Department of Labor, Beureau of Labor Statistics, Dec. 1977

Iowa unemployment consistently below national average...

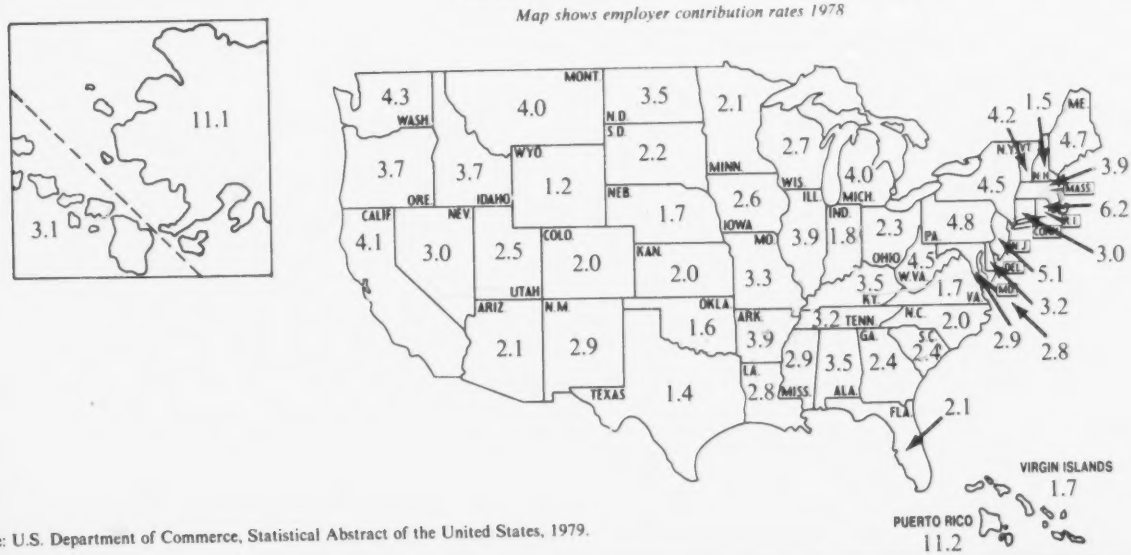
Year	IOWA Total Labor Force (000)	IOWA Total Employment[1] (000)	IOWA Number Unemployed (000)	IOWA Unemployment Rate (%)	U.S. Unemployment Rate (%)
1950	1097.7	1065.2	32.5	3.0	5.3
1951	1100.0	1075.7	24.3	2.2	3.3
1952	1084.8	1057.3	27.5	2.5	3.1
1953	1071.7	1043.7	28.0	2.6	2.9
1954	1066.0	1028.5	37.5	3.5	5.6
1955	1072.6	1042.5	30.1	2.8	4.4
1957	1079.7	1047.7	32.0	3.0	4.3
1958	1077.0	1039.5	37.5	3.5	6.8
1959	1102.1	1071.5	30.5	2.8	5.5
1960	1104.1	1069.1	35.0	3.2	5.5
1961	1104.2	1061.0	43.3	3.9	6.7
1962	1087.8	1051.0	36.8	3.4	5.5
1963	1082.9	1049.7	33.1	3.1	5.7
1964	1095.4	1065.7	29.7	2.7	5.2
1965	1118.5	1091.4	27.1	2.4	4.5
1966	1152.0	1127.6	24.3	2.1	3.8
1967	1167.4	1138.7	28.7	2.5	3.9
1968	1177.3	1147.6	29.6	2.5	3.6
1969	1194.1	1160.7	33.4	2.8	3.5
1970[2]	1195.5	1155.7	39.8	3.3	4.9
1971	1208.6	1167.3	41.3	3.4	5.9
1972	1250.3	1218.0	32.3	2.6	5.6
1973	1284.3	1257.8	26.5	2.1	4.9
1974	1303.5	1275.2	28.2	2.2	5.6
1975	1315.4	1259.6	55.8	4.2	8.5
1976	1335.0	1282.0	53.0	4.0	7.7
1977	1385.0	1329.0	56.0	4.0	7.0
1978	1419.0	1362.0	57.0	4.0	6.0
1979	1459.5	1410.1	49.5	3.4	5.8
1980[3]	1459.1	1386.9	72.2	4.9	7.2

[1]Data from 1970 on has been revised to a "Place of Residence" concept as adopted by Job Service of Iowa.
[2]Data for 1970-1977 has been adjusted to Current Population Survey.
[3]Data includes averages from January through November 1980.
Source: Job Service of Iowa, Research and Statistics Division.

...so unemployment insurance is used less

National Average.....3.4

Map shows employer contribution rates 1978



Source: U.S. Department of Commerce, Statistical Abstract of the United States, 1979.

individual Iowans outproduce their neighbors

Midwest States	Manufacturing — 1977 Value Added (000,000)	Number of Production Workers (000)	Value Added Per Production Worker	Value Added Per Production Man-Hour	Value Added Per Dollar Paid in Production Wages
Iowa	$ 8,715.8	170.0	$51,269	$26.31	$3.98
Minnesota	9,245.3	209.7	44,088	22.92	3.85
South Dakota	608.5	16.4	37,103	19.26	3.66
Nebraska	2,821.8	61.4	45,957	23.24	4.24
Kansas	5,385.3	121.8	44,214	22.22	3.92
Missouri	12,813.5	300.5	42,640	22.21	3.73
Illinois	40,277.2	857.9	46,948	23.97	3.74
Wisconsin	16,761.5	383.3	43,729	22.31	3.53
Indiana	22,593.7	520.9	43,374	22.04	3.21
Ohio	43,294.0	923.1	46,900	23.53	3.36
United States	581,640.9	13,592.3	42,792	21.91	3.72

Source: 1977 Census of Manufactures, Bureau of The Census, Department of Commerce Preliminary Reports.

look at Iowa's favorable employment climate

	Year	United States	Iowa	Minnesota	South Dakota	Nebraska	Kansas	Missouri	Illinois	Wisconsin	Indiana	Ohio
Annual average nonagricultural[1] employment (000)	1977	82,471	1,079.2	1,597.3	226.6	593.7	871.0	1,861.8	4,534.3	1,798.9	2,114.0	4,230.1
	1978	86,697	1,119.2	1,688.9	236.6	609.9	912.5	1,953.1	4,689.9	1,877.0	2,205.5	4,394.8
	1979	89,886	1,128.3	1,770.7	240.2	626.8	946.7	2,002.9	4,859.3	1,964.8	2,259.7	4,495.2
Annual average manufacturing[1] employment (000)	1977	19,682	245.6	339.3	23.4	90.6	172.9	439.6	1,192.9	540.4	713.2	1,344.1
	1978	20,505	252.5	360.4	24.9	94.1	185.9	456.8	1,238.9	569.7	741.5	1,377.2
	1979	21,062	258.0	382.6	26.9	99.1	198.0	459.7	1,261.6	592.5	740.9	1,380.1
Average weekly manufacturing earnings (Dollars)	1977	228.90	257.84	238.80	190.21	219.91	219.29	231.15	254.91	250.06	271.92	283.08
	1978	249.27	280.70	258.89	216.42	239.61	N/A	248.40	271.42	274.21	295.40	306.91
	1979	268.94	313.88	277.20	238.82	269.69	276.22	264.65	296.66	297.00	315.94	325.36
Average weekly manufacturing[1] hours	1977	40.3	40.1	40.0	39.3	40.8	41.1	40.2	40.6	40.6	41.2	42.0
	1978	40.4	40.1	40.2	41.7	41.1	N/A	40.0	40.1	41.0	41.2	42.1
	1979	40.2	40.5	40.0	41.9	41.3	40.8	39.5	40.7	40.9	40.5	41.5
Average hourly manufacturing[1] earnings, incl. overtime (Dollars)	1977	5.68	6.43	5.97	4.84	5.39	5.33	5.75	6.28	6.16	6.60	6.74
	1978	6.17	7.00	6.44	5.19	5.83	N/A	6.21	6.76	6.69	7.17	7.29
	1979	6.69	7.75	6.93	5.70	6.53	6.77	6.70	7.30	7.27	7.74	7.84
Labor union membership[2] Nonagricultural employment (%)	1970	27.9	21.1	28.9	11.9	17.9	16.6	35.9	35.9	21.4	35.5	36.4
	1974	26.2	21.2	25.3	11.0	15.1	14.1	32.3	34.9	28.7	33.2	33.2
	1976	28.9	22.3	28.7	13.2	19.4	18.6	33.0	34.3	32.3	33.4	35.8
Unemployment (%)[1]	1978	6.0	4.0	3.9	2.7	2.5	2.7	4.7	5.5	5.2	5.5	5.6
	1979	5.7	5.0	4.8	4.2	3.3	3.2	4.6	6.0	5.0	6.1	6.0
	1980	6.2	5.7	6.0	4.0	3.5	3.7	6.4	7.3	6.2	9.2	6.6

Source: [1]Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May, 1980.
[2]Bureau of Labor Statistics, U.S. Department of Labor.

nonagricultural employment shows Iowa's versatility *(figures in 000's)*

Industry	1960 Annual Average	1965 Annual Average	1970 Annual Average	1975 Annual Average	1976 Annual Average	1977 Annual Average	1978 Annual Average	1979 Annual Average
Total Nonagricultural	681.0	754.6	882.8	993.1	1,013.7	1,079.2	1104.5	1128.3
Manufacturing	176.6	192.4	215.5	229.6	231.3	245.6	249.8	258.0
Durable goods	94.1	107.8	122.8	140.2	140.7	152.0	155.5	162.1
Lumber and furniture	7.5	6.5	8.2	8.2	8.6	9.6	9.8	10.0
Stone, clay and glass	6.8	6.5	6.7	6.2	6.1	7.6	7.3	7.4
Primary metal industries	6.4	8.0	8.5	7.6	7.4	8.1	8.8	9.1
Fabricated metal products	9.6	11.0	13.1	16.1	16.4	19.9	20.4	19.7
Machinery (except electrical)	33.6	41.3	44.6	58.9	57.6	62.0	63.6	68.9
Farm machinery	21.5	26.2	24.0	27.6	26.7	26.4	26.3	29.2
Construction and related machinery	5.0	6.1	9.0	18.5	18.1	20.7	22.0	23.4
Electrical equipment and supplies	19.4	22.7	23.7	24.5	25.0	25.5	25.1	25.6
Transportation equipment	2.2	2.7	5.6	7.9	8.8	9.8	10.2	10.6
Other durable goods[1]	8.6	9.1	12.4	10.9	10.8	9.4	10.3	10.6
Nondurable goods	82.5	84.6	92.7	89.3	90.6	93.6	94.3	95.9
Food and kindred products	53.4	51.5	54.4	48.3	49.0	48.4	47.3	48.2
Meat products	27.3	25.6	28.2	24.2	25.2	24.6	24.2	24.1
Grain mill products	8.8	9.4	10.9	11.0	11.1	10.9	10.7	10.8
Bakery products	NA	3.8	3.3	3.0	2.9	2.6	2.5	2.6
Apparel	3.8	3.9	4.0	3.9	4.3	4.3	4.4	4.2
Printing and publishing	11.9	12.3	13.6	14.8	15.0	16.1	17.2	17.7
Newspapers	6.0	6.2	6.6	6.5	6.5	7.0	7.3	7.5
Chemicals and allied products	5.1	6.1	7.5	7.2	7.0	7.8	7.9	8.0
Other nondurable goods[2]	1.2	1.3	1.8	1.9	1.9	2.3	2.3	2.2
Paper and allied products	2.2	2.9	3.6	3.5	3.9	4.0	4.1	4.0
Rubber and plastic products	4.8	6.6	7.8	9.9	9.4	10.8	11.0	11.5
Nonmanufacturing	504.4	562.2	667.3	763.5	782.4	833.6	854.7	870.3
Mining	3.3	3.3	3.0	2.8	2.7	2.5	2.3	2.5
Contract construction	36.6	37.4	40.6	46.5	46.8	57.6	57.6	58.2
Transportation and public utilities	53.6	49.6	51.1	54.7	54.8	55.0	55.8	58.3
Railroad transportation	15.7	12.5	10.1	9.0	8.9	8.8	8.4	8.7
Communication	12.9	11.5	12.5	13.4	13.2	13.3	13.7	14.3
Electric, gas and sanitary service	9.7	9.0	9.7	10.9	10.9	9.9	10.2	10.4
Wholesale and retail trade	169.8	185.6	209.2	245.0	252.4	275.4	281.6	286.2
Wholesale trade	42.4	43.8	44.1	50.4	52.0	72.6	72.5	75.3
Retail trade	127.5	141.8	165.2	194.5	200.4	202.8	209.1	210.8
Retail general merchandise	20.1	22.4	25.6	28.6	29.0	28.2	29.0	28.4
Finance, insurance and real estate	31.6	35.8	41.0	47.2	47.5	52.6	55.2	57.0
Banking	9.4	11.0	13.2	15.7	16.2	16.7	17.2	17.8
Insurance carriers, agents, and brokers	13.5	14.9	16.6	18.8	18.5	20.9	21.7	22.6
Service and miscellaneous	92.6	111.9	146.7	176.5	182.9	188.1	194.7	202.8
Medical and other health services	26.3	34.1	44.3	57.1	59.7	68.2	71.4	73.9
Government	116.9	138.5	175.7	190.8	195.3	202.5	207.6	205.5

[1]Includes ordnance and accessories, instruments and related products, and miscellaneous manufacturing
[2]Includes textile mill products, petroleum and coal products, and leather and leather products
Place of Work Concept: Method by which an employed individual is counted in the area where he works regardless of the area where he lives
Source: Research and Statistics Division, Job Service of Iowa

Iowa factory workers[a] earn good, not excessive, hourly wages

Industry	1965 Average	1967 Average	1970 Average	1975 Average	1976 Average	1977 Average	1978 Average	1979 Average
Manufacturing	$2.78	$3.01	$3.70	$5.40	$5.85	6.43	$7.00	$7.75
Durable goods	2.76	2.96	3.60	5.45	5.91	6.51	7.03	7.82
Lumber and furniture	2.13	2.35	2.99	4.44	4.82	5.35	5.70	6.32
Stone, clay and glass products	2.62	2.79	3.53	5.02	5.69	6.19	6.82	7.32
Primary metal industries	3.08	3.23	3.81	5.73	6.40	7.29	7.98	8.68
Fabricated metal products	**2.51**	**2.67**	**3.35**	**4.84**	**5.20**	**5.52**	**6.16**	**6.62**
Machinery except electrical	**3.14**	**3.40**	**4.05**	**6.36**	**6.93**	**7.85**	**8.38**	**9.22**
Farm machinery	**3.36**	**3.65**	**4.27**	**6.80**	**7.32**	**8.16**	**8.73**	**9.61**
Constructed and related machinery	**2.89**	**3.09**	**4.02**	**6.54**	**7.32**	**8.30**	**8.85**	**9.83**
Electrical equipment and supplies	**2.43**	**2.64**	**3.26**	**4.59**	**5.00**	**5.44**	**6.01**	**6.75**
Transportation equipment	2.39	2.65	3.15	4.17	4.35	4.73	5.25	5.57
Other durable goods	2.39	2.74	3.26	4.18	4.44	4.69	5.04	5.57
Nondurable goods	2.82	3.10	3.82	5.32	5.76	6.32	6.96	7.63
Food and kindred products	2.90	3.21	4.04	5.75	6.29	6.95	7.70	8.44
Meat products	3.30	3.67	4.59	6.43	6.92	7.67	8.53	9.28
Grain-mill products	**2.89**	**3.12**	**3.80**	**5.77**	**6.37**	**6.93**	**7.52**	**8.31**
Apparel and other textile products	**1.60**	**1.87**	**2.26**	**2.85**	**3.10**	**3.36**	**3.70**	**4.02**
Paper and allied products	**b.**	**b.**	**2.94**	**4.55**	**4.84**	**5.28**	**5.75**	**6.35**
Printing and publishing	**2.88**	**3.19**	**3.86**	**5.03**	**5.48**	**5.87**	**6.41**	**6.93**
Newspapers	**3.08**	**3.44**	**4.15**	**5.03**	**5.31**	**5.44**	**5.88**	**6.29**
Chemicals and allied products	2.88	3.09	3.72	5.44	5.81	6.46	6.97	7.66
Rubber and plastics products, nec.	b.	b.	4.17	5.37	5.61	5.22	6.89	7.63
Other nondurable goods	2.94	3.03	2.09	2.61	3.13	3.84	4.10	4.28

a. Estimates are based upon a sample of full or part-time production and related employees, who worked or received pay in the above industry groups during the week containing the 12th. Average hourly earnings reflect, in addition to changes in basic and incentive wage rates, such variable factors as overtime, late shift work, changes in output of workers paid on an incentive basis, and changing employment of workers, between relatively high-paid and low-paid work, and full-time status. Based on 1967 Standard Industrial Classification.
b. Included in "other durable goods."
Source: Research and Statistics Division, Job Service of Iowa.

Iowa keeps its work force working

(Averages for metropolitan areas)

Area	Labor Force (000) 1978	1979	1980[1]	TOTAL Unemployed Rate 1978	1979	1980[1]	Non-Agriculture Employment (000) 1978	1979	1980[1]
IOWA	1,419.0	1459.5	1459.1	4.0	3.4	4.9	1,362.0	1097.2	1077.4
Cedar Rapids	84.6	89.3	90.7	3.4	3.0	5.5	81.7	77.9	77.1
Des Moines	108.2	186.9	185.8	3.9	3.3	4.8	173.1	163.3	160.1
Dubuque	44.6	46.5	46.1	5.4	4.6	7.2	42.3	38.7	37.2
Sioux City	56.9	55.9	54.8	5.9	5.9	5.5	53.5	47.0	44.1
Waterloo—Cedar Falls	66.8	70.3	71.4	4.8	3.9	6.1	63.6	60.4	59.9

Area	1978	1979	1980[1]	1978	1979	1980[1]	1978	1979	1980[1]
IOWA	249.8	258.0	243.6	40.1	40.5	N/A	$280.70	$313.88	N/A
Cedar Rapids	28.9	29.2	28.1	41.2	41.4	N/A	287.16	318.78	N/A
Des Moines	25.6	26.3	25.3	38.5	39.4	N/A	281.82	319.93	N/A
Dubuque	16.9	16.6	15.7	40.2	40.4	N/A	338.08	372.08	N/A
Sioux City	9.8	9.3	8.8	39.7	41.1	N/A	249.71	285.23	N/A
Waterloo-Cedar Falls	22.2	23.0	23.1	42.6	43.8	N/A	372.75	422.67	N/A

N/A Data not available.
*Adjusted to the Current Population Survey.
[1]Data includes January through October 1980 averages.
Source: Research and Statistics Division, Job Service of Iowa. Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May 1980.

Iowa has modest turnover

(Annual rate per 100 workers in some typical industries)

Accessions

	1965	1967	1970	1973	1975	1976	1977	1978	1979
Manufacturing	4.0	4.4	3.6	4.7	3.2	3.6	3.4	3.5	3.4
Durable goods	3.9	4.1	2.8	4.4	2.7	3.4	3.0	3.1	2.9
Stone, clay and glass	3.8	5.3	3.5	4.5	3.3	3.8	4.3	3.8	3.8
Primary metals	3.7	4.0	2.6	4.9	2.2	3.1	3.6	3.5	3.1
Fabricated metals	4.1	4.7	4.6	6.2	3.6	4.4	4.2	3.6	3.8
Machinery except electrical	3.8	2.7	2.5	3.3	2.1	2.5	2.3	2.4	2.5
Electrical equipment	3.8	4.3	2.4	4.7	2.6	3.5	2.2	2.4	2.6
Other durable goods	3.4	5.8	2.6	5.1	3.5	4.4	4.5	4.4	3.3
Nondurable goods	4.0	4.9	4.7	5.1	4.1	4.1	3.9	4.1	4.2
Food and kindred products	4.2	5.0	5.8	6.1	4.7	4.3	3.9	4.4	5.0
Meat products	a.	a.	a.	8.4	5.7	5.4	4.7	5.5	6.5
Printing and publishing	3.4	3.6	2.7	3.0	2.9	3.3	3.8	3.9	3.5
Rubber, plastics and leather	b.	b.	3.7	4.4	3.5	4.1	4.2	3.9	2.7
Other nondurable goods	3.9	6.2	3.9	4.3	3.5	4.0	3.6	3.6	4.0

Separations

	1965	1967	1970	1973	1975	1976	1977	1978	1979
Manufacturing	3.6	4.5	4.4	4.1	3.8	3.3	3.2	3.3	3.9
Durable goods	3.1	4.2	4.0	3.6	3.7	3.0	2.8	3.0	3.3
Stone, clay and glass	4.7	5.0	4.2	4.2	3.9	3.4	4.6	3.9	5.4
Primary metals	3.0	4.3	3.4	4.2	4.4	2.7	2.8	3.0	3.7
Fabricated metals	3.1	4.6	5.2	5.5	5.1	3.4	3.4	3.9	4.4
Machinery except electrical	2.9	3.3	3.5	2.6	3.1	2.3	2.0	2.3	2.0
Electrical equipment	2.4	4.5	3.9	3.5	3.1	3.8	2.2	2.5	1.9
Other durable goods	3.0	4.3	4.5	4.2	4.4	3.8	4.2	3.9	5.9
Nondurable goods	4.2	4.9	4.9	4.9	3.9	3.7	3.9	3.4	4.9
Food and kindred products	4.6	5.0	5.5	6.0	4.4	3.9	4.1	4.2	5.7
Meat products	a.	a.	a.	8.2	5.5	4.6	5.2	5.2	8.2
Printing and publishing	3.1	3.4	3.2	2.8	2.7	3.0	3.4	3.3	3.5
Rubber, plastics and leather	b.	b.	4.5	4.3	4.0	3.5	4.0	3.6	4.1
Other nondurable goods	4.0	5.8	4.6	4.1	3.5	3.8	3.5	3.7	4.5

a Included in "Food and Kindred Products" prior to 1971.
b Included in "Other Nondurable Goods" prior to 1969.
Source: Job Service of Iowa, Research and Statistics Division.

economic indicators

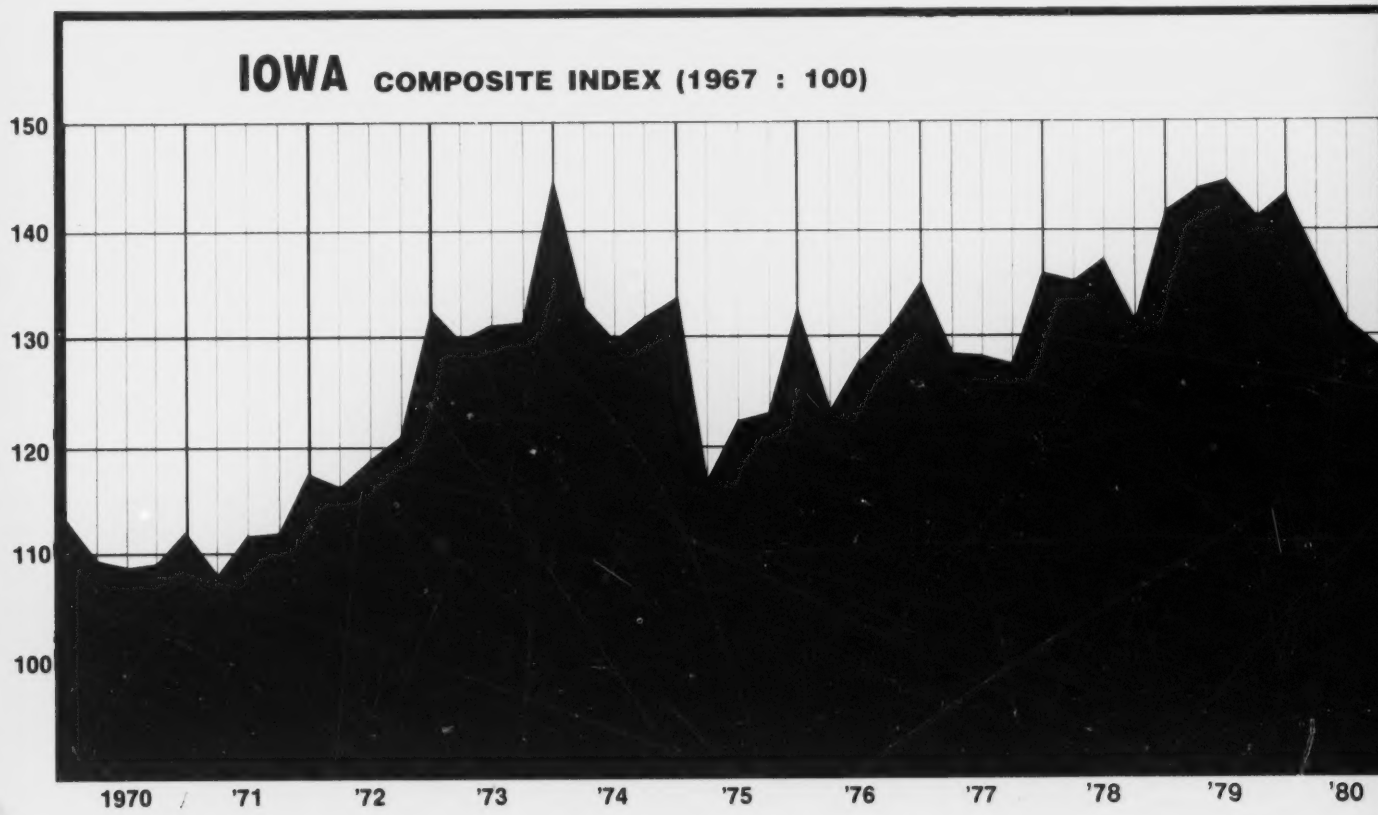
Iowa farm-industry economy most "depression resistant"

Even in years of national recession, Iowa is usually affected less than most other states. Its "not so good" times tend to be brief. Rarely is the individual Iowan subjected to ruinous circumstances.

This basic stability is attributed by some observers to the fact that the agricultural economy provides a solid base. Even though farm prices may undergo downward trends, the worldwide requirement for farm goods is constant (even increasing). Iowa farmers have demonstrated their ability to weather periodic slumps.

Adding to the stability is an influx of "small industry," since the end of World War II. A large share of Iowa's 3,600 industrial plants employ fewer than 100 persons, and they are scattered throughout Iowa, drawing labor from small towns and farms themselves. Many Iowa farmers hold second jobs in "the plant."

So well do these two factors combine that Iowans take national recessions in stride, largely unaffected.



Iowa composite economic index, 1970-1980

	1970	1973	1974	1975	1976	1977	1978	1979	1980
Jan.-Mar.	108.6	129.3	132.1	116.3	122.2	128.6	135.1	142.2	137.9
Apr.-June	108.2	130.0	129.3	121.7	126.4	128.5	137.1	143.4	131.4
July-Sept.	109.1	130.6	131.8	122.7	129.2	127.4	131.9	140.9	129.1
Oct.-Dec.	111.9	144.8	133.1	131.4	132.6	136.7	142.1	141.6	133.0

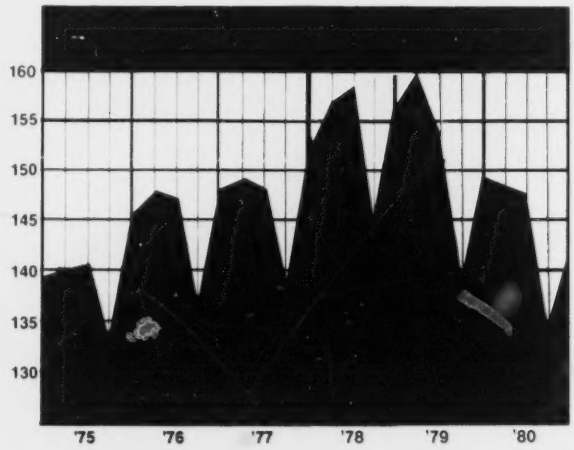
The Iowa Economic Index reflects the change in economic activity by sector and in aggregate using 1967 as the base year. Current data is reported in The Digest publication, available upon request from the Iowa Development Commission.
Source: Research Division, Iowa Development Commission.

Iowa economic index by sector

GOVERNMENT

(INCLUDES EMPLOY. & EXPENDITURE INDEX) (1967 = 100)

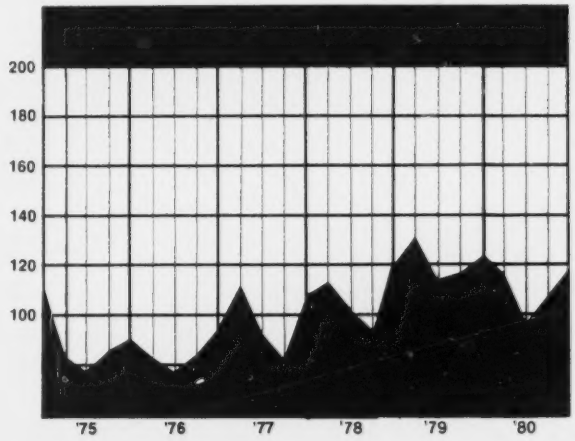
	1975	1976	1977	1978	1979	1980
Jan.-Mar.	139.7	147.9	149.0	157.2	160.7	148.4
Apr.-June	140.2	147.6	146.3	158.9	153.1	147.5
July-Sept.	133.0	136.6	137.9	145.0	138.6	133.4
Oct.-Dec.	146.1	148.7	151.8	156.4	149.6	140.9



AGRICULTURE

(INCLUDES CASH RECEIPTS FROM MKTGS. & PRICES PAID INDEX) (1967 = 100)

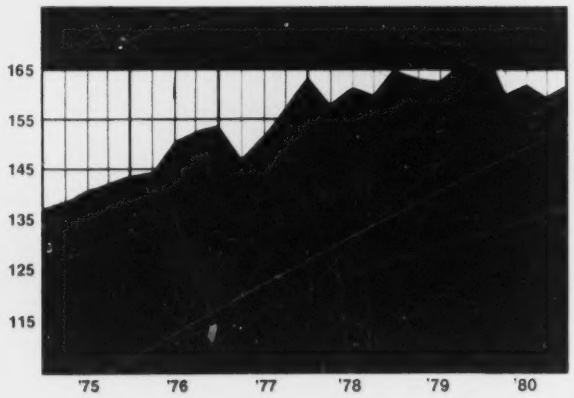
	1975	1976	1977	1978	1979	1980
Jan.-Mar.	101.8	101.6	115.1	112.7	129.8	114.4
Apr.-June	94.5	99.1	92.3	101.2	116.1	97.6
July-Sept.	104.7	108.0	80.8	94.7	117.9	105.4
Oct.-Dec.	111.2	115.5	114.8	122.6	120.5	117.8



SERVICES

(INCLUDES EMPLOY. & DOLLAR VOLUME INDEX) (1967 = 100)

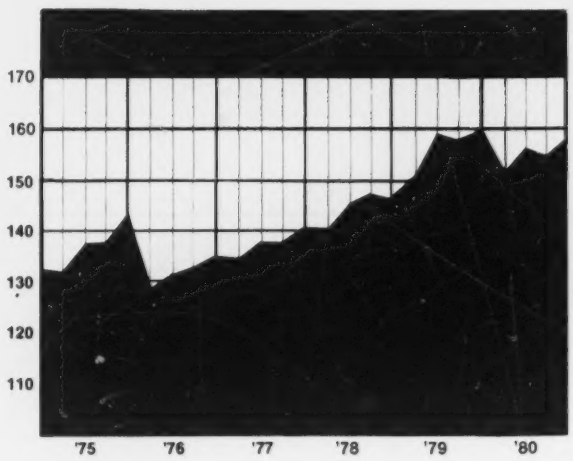
	1975	1976	1977	1978	1979	1980
Jan.-Mar.	136.3	144.8	150.8	158.5	164.5	160.6
Apr.-June	140.6	149.0	153.8	162.1	163.7	161.7
July-Sept.	141.7	150.8	156.4	160.8	166.3	158.8
Oct.-Dec.	143.5	151.9	158.4	165.2	170.0	160.3



FINANCE & INSURANCE[1]

(INCLUDES EMPLOY., BANK DEBITS & INSUR. SALES) (1967 = 100)

	1975	1976[1]	1977[1]	1978	1979	1980
Jan.-Mar.	131.6	128.5	134.4	140.4	151.4	151.5
Apr.-June	137.1	131.1	138.7	145.8	159.7	155.7
July-Sept.	137.3	132.5	138.7	148.5	159.4	155.2
Oct.-Dec.	143.4	134.5	140.5	148.1	160.0	156.8



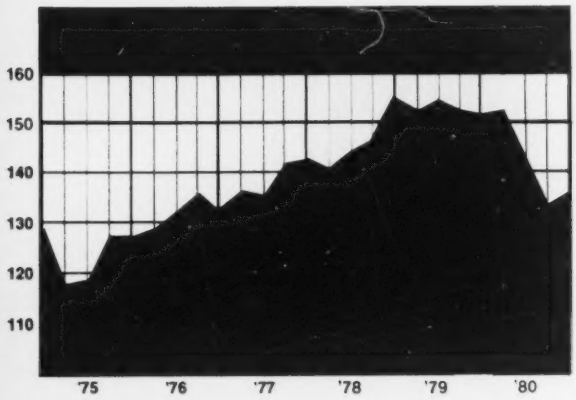
[1]In 1976, a portion of the input data to the Finance & Insurance Sector was discontinued. New data was obtained, however, historic data prior to 1976 was unavailable.

Iowa economic index by sector (continued)

MANUFACTURING

(INCLUDES EMPLOY. & PRODUCTIVITY INDEX) (1967 = 100)

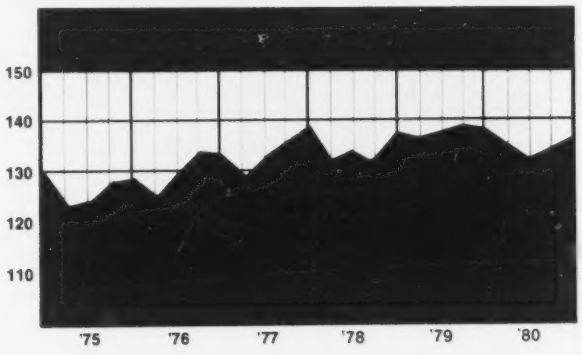
	1975	1976	1977	1978	1979	1980
Jan.-Mar.	117.5	128.0	134.8	140.0	152.8	151.7
Apr.-June	117.6	131.0	137.5	143.1	155.8	142.3
July-Sept.	125.3	134.4	140.3	146.8	154.9	133.8
Oct.-Dec.	125.3	131.8	140.8	153.0	151.4	135.9



TRANS., COMM., UTILITIES

(INCLUDES WAGES & EMPLOY.) (1967 = 100)

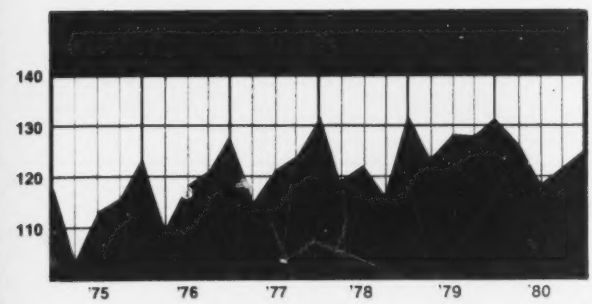
	1975	1976	1977	1978	1979	1980
Jan.-Mar.	124.6	126.0	129.1	131.9	135.7	135.1
Apr.-June	125.2	130.0	132.4	133.1	137.3	133.1
July-Sept.	129.3	134.7	135.5	131.4	138.4	133.8
Oct.-Dec.	129.9	133.7	137.0	135.7	137.4	134.7



RETAIL TRADE

(INCLUDES EMPLOY. & TAXABLE RETAIL SALES) (1967 = 100)

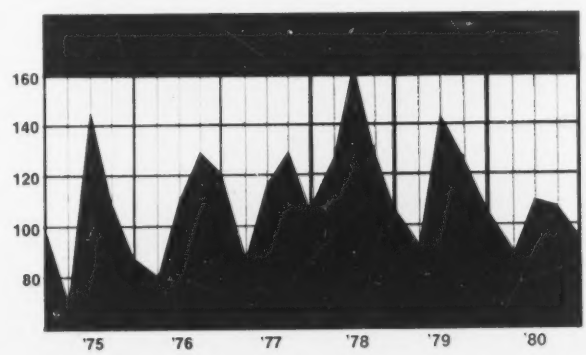
	1975	1976	1977	1978	1979	1980
Jan.-Mar.	103.7	109.5	113.9	119.6	121.1	126.5
Apr.-June	112.8	118.2	121.4	121.8	129.7	117.7
July-Sept.	115.0	120.1	124.2	116.3	129.4	120.8
Oct.-Dec.	122.3	127.8	130.6	131.1	131.5	124.8

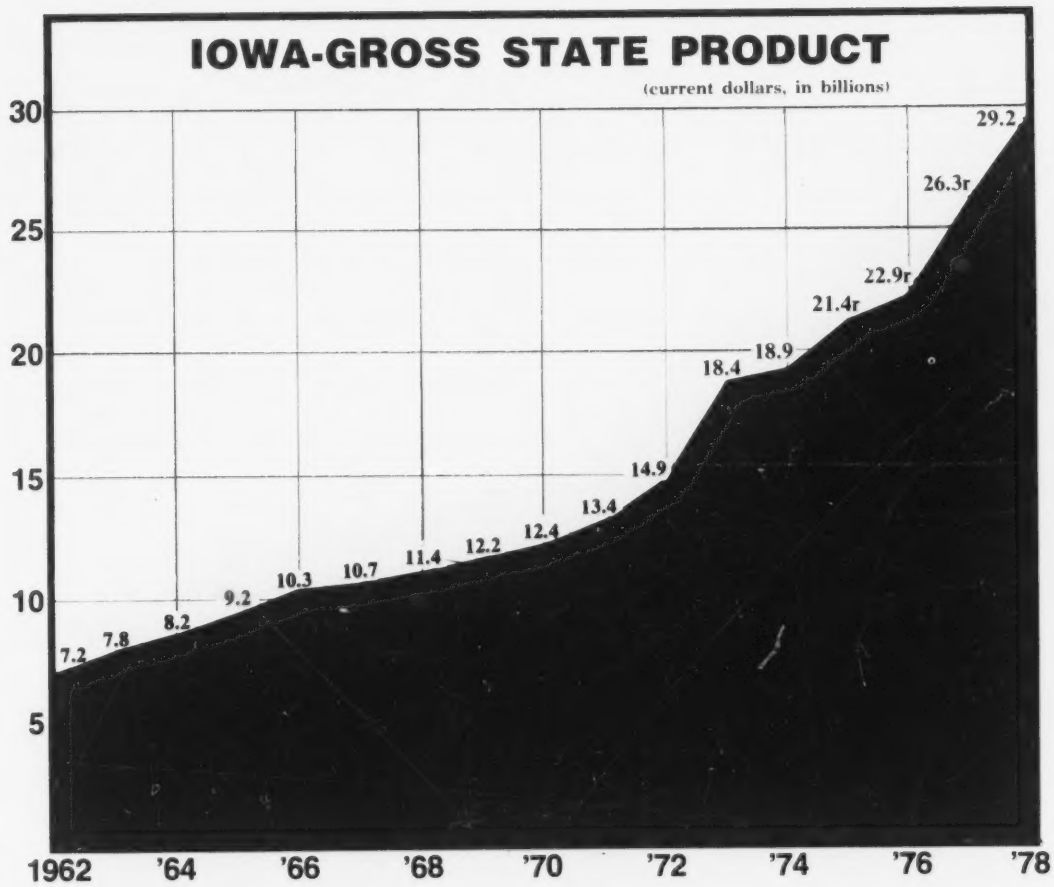


CONSTRUCTION

(INCLUDES EMPLOY. & VALUES OF CONSTRUCTION) (1967 = 100)

	1975	1976	1977	1978	1979	1980
Jan.-Mar.	68.9	79.2	84.9	127.3	88.8	85.9
Apr.-June	147.5	111.9	118.0	163.8	145.3	108.1
July-Sept.	112.8	130.8	127.7	127.9	128.1	107.3
Oct.-Dec.	95.8	122.4	109.1	108.2	105.7	93.5





gross state product, Iowa (current dollars, in millions)

G. S. P. is an estimate of the current market value of all final goods and services produced by the Iowa economy by a methodology similar to that used in calculating the U. S. Gross National Product.

	1970	1973	1974	1975r	1976r	1977r	1978
Gross State Product	$12,380.0	$18,352.5	$18,817.8	$21,429.2	$22,862.0	$26,267.7	$29,201.9
Farm	1,963.7	3,635.3	2,842.6	3,247.7	2,635.3	3,078.6	3,963.3
Government	1,194.0	1,552.6	1,683.4	1,942.3	2,185.4	2,364.5	2,515.9
Private, Non-Farm	9,922.3	13,164.6	14,436.8	16,239.2	18,041.3	20,824.6	22,722.7
Mining	52.4	73.1	109.5	107.6	74.8	82.1	89.4
Construction	560.7	703.9	838.1	932.8	1,094.0	1,219.1	1,378.5
Manufacturing	3,360.6	4,710.5	4,942.4	5,666.9	6,162.5	7,590.1	8,002.7
Trade	2,242.4	2,777.7	3,091.6	3,568.6	3,977.5	4,280.9	4,668.5
Trans., Comm., Utilities	922.8	1,315.3	1,448.3	1,580.9	1,733.2	1,956.4	2,178.0
Services	1,187.8	1,457.9	1,612.9	1,863.7	2,116.7	2,366.4	2,704.5
Fin., Ins., Real Estate	1,503.9	1,985.0	2,189.7	2,475.2	2,817.2	3,277.5	3,640.2
Other	91.7	141.2	198.3	43.5	45.4	52.1	60.9
Iowa as a Percent of							
U.S. Gross National Product	1.33%	1.40%	1.33%	1.40%	1.34%	1.38%	1.37%

Source: Resource and Support Division, Iowa Development Commission.
r — revised

total Iowa energy consumption, 1974-1980

CONSUMPTION BY YEAR

Energy Type	1974	1975	1976	1977	1978	1979	1980
Motor Gas (million gallons)	1,658.06	1,650.33	1,727.89	1,750.44	1,808.08	1,724.30	1,515.18
Distillate (million gallons)	737.43	776.69	852.31	856.40	879.14	878.07	688.79
Propane (million gallons)	465.33	488.46	693.69	661.89	567.55	511.24	446.91
Residual (million gallons)	26.80	17.30	25.20	17.42	13.82	9.19	1.65
Aviation Fuel (million gallons)	54.57	77.43	84.63	90.21	88.61	74.78	78.70
Natural Gas (billion cf)	383.62	357.07	333.86	309.35	249.90	261.97	250.60
Electricity (1000 kwh)	19,315,717	20,430,480	21,560,542	23,453,898	24,501,565	25,484,241	25,538,190
Coal (Industrial Use) (1000 Short Tons)	1,077.00[e]	1,150.00[e]	1,212.00	1,270.00	1,329.00	1,765.00	1,776.00
Total Trillion BTU's Consumption (Annual)	852.66	837.05	859.51	844.55	788.94	800.03	724.35

e = Estimate
Source: Iowa Energy Policy Council.

Iowa's primary energy use*

PERCENTAGE OF TOTAL BY SOURCE FROM 1972-1980

Source	1972	1973	1974	1975	1976	1977	1978	1979[r]	1980[e]
Nat. Gas	39.2%	40.6%	40.0%	36.7%	32.5%	29.1%	25.0%	24.4%	24.8%
Gasoline	22.8%	21.8%	20.9%	20.6%	20.7%	20.8%	22.1%	19.7%	18.3%
Distillate	11.1%	10.7%	10.4%	10.9%	11.5%	11.5%	10.9%	11.2%	9.3%
LP	4.4%	4.2%	4.6%	4.8%	6.2%	6.2%	5.3%	4.4%	4.1%
Aviation & Residual	1.1%	1.3%	1.1%	1.3%	1.4%	1.4%	1.3%	1.1%	1.0%
Coal & Coke	18.4%	17.1%	16.5%	16.7%	18.1%	18.1%	25.7%	29.7%	33.2%
Nuclear	N/A	1.8%	4.1%	6.0%	6.8%	6.8%	5.3%	7.0%	6.4%
Hydropower	2.4%	2.6%	2.6%	3.1%	2.9%	2.9%	3.9%	2.5%	2.9%

r - revised
e - Estimate for 4th quarter 1980
*Compiled from EIA form 25 (actual deliveries to Iowa) and Iowa Commerce Commission data.

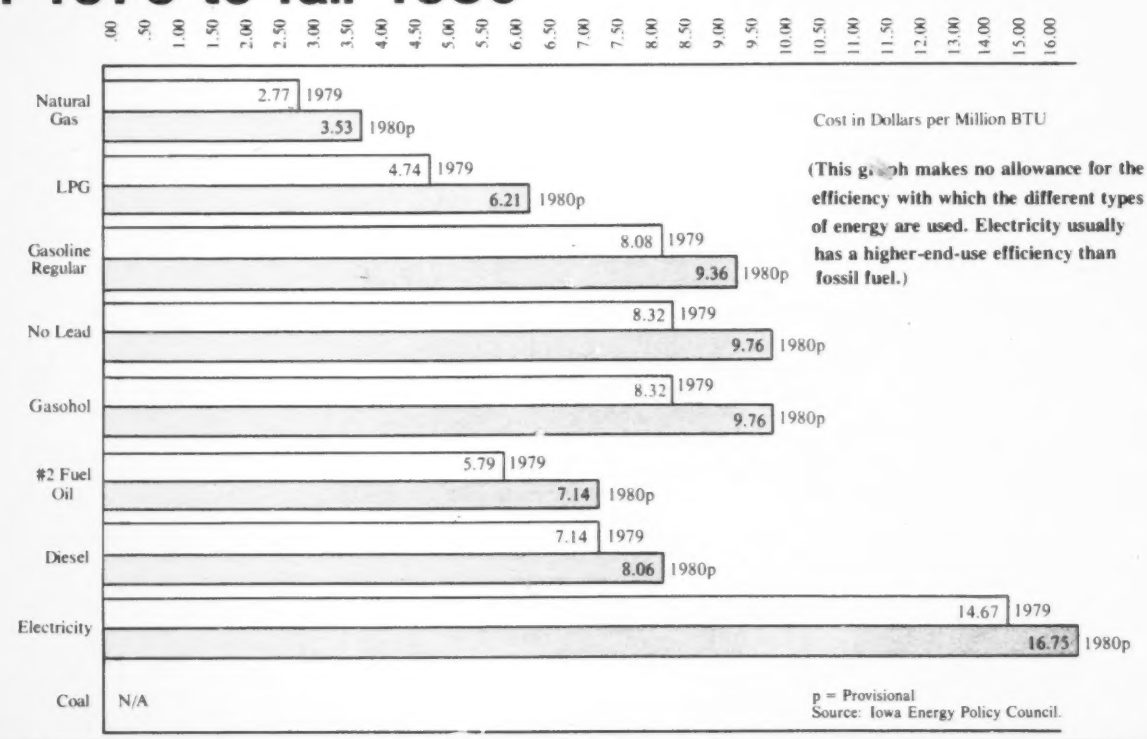
energy use on Iowa farms

AMOUNT AND TYPE OF ENERGY CONSUMED IN 1978 AND 1979 BY IOWA FARMERS

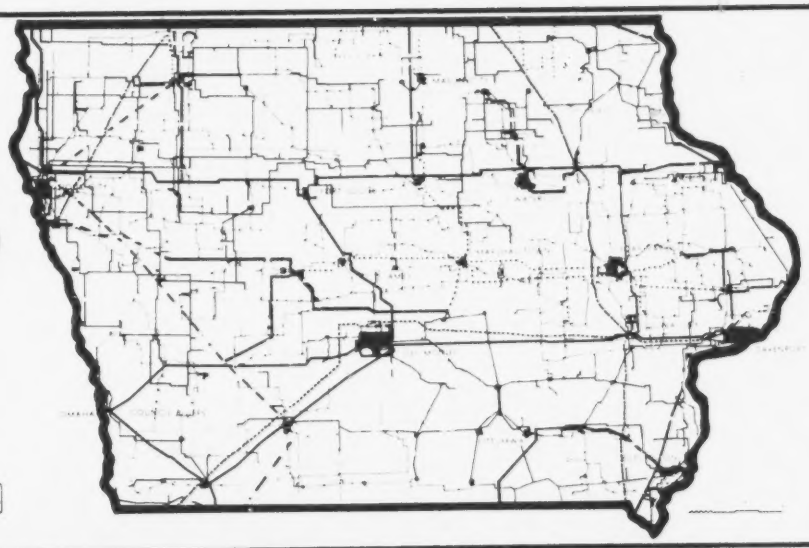
Energy	Year	Diesel Million Gal.	Gasoline Million Gal.	L.P. Gas Million Gal.	Fuel Oil Million Gal.	Nat. Gas Billion Cu. Ft.	Electricity Million Kilowatts	Coal 000 Tons	Wood 000 Cords
TOTAL ENERGY	1979	197.2	354.0	255.9	55.6	13.90	2880.8	12.2	135.9
USED	1978	171.4	372.6	216.9	54.8	13.60	2723.7	12.0	137.2
% Previous Yr.		115	95	118	101	102	106	102	99
USAGE:									
Crop	1979	171.4	139.9	127.7	.2	1.22	412.2	—	—
Production	1978	147.5	142.4	78.6	.3	1.40	393.8	—	—
Livestock	1979	21.6	56.2	42.0	3.2	.84	948.3	—	6.7
Production[1]	1978	20.1	54.7	50.3	3.3	.50	926.1	.2	8.0
General	1979	3.6	70.9	1.0	1.0	.02	213.0	.3	2.5
Farm Use[2]	1978	3.4	86.3	4.4	.9	.10	208.6	.1	3.0
Non-Farm	1979	.6	87.0	85.2	51.2	11.82	1307.3	11.9	126.7
Use[3]	1978	.4	89.2	83.6	50.3	11.60	1195.2	11.7	126.2
Total Gen. &	1979	4.2	157.9	86.2	52.2	11.84	1520.3	12.2	129.2
Non-Farm Use	1978	3.8	175.5	88.0	51.2	11.70	1403.8	11.8	129.2

[1]Includes livestock, dairy, and poultry production.
[2]Includes energy uses in agriculture production but cannot be identified between crops and livestock uses.
[3]Includes fuel and electricity used in non-agricultural production uses, such as farm home, pleasure, and non-farm business.
Source: *1979 Farm Fuel Use*, Iowa Crop and Livestock Reporting Service, June, 1980.

cost of fuels to Iowa residential customers, fall 1979 to fall 1980



electric consumers protected by strong backup system



IOWA'S ELECTRIC GRID SYSTEM

typical residential electric bills, 1980

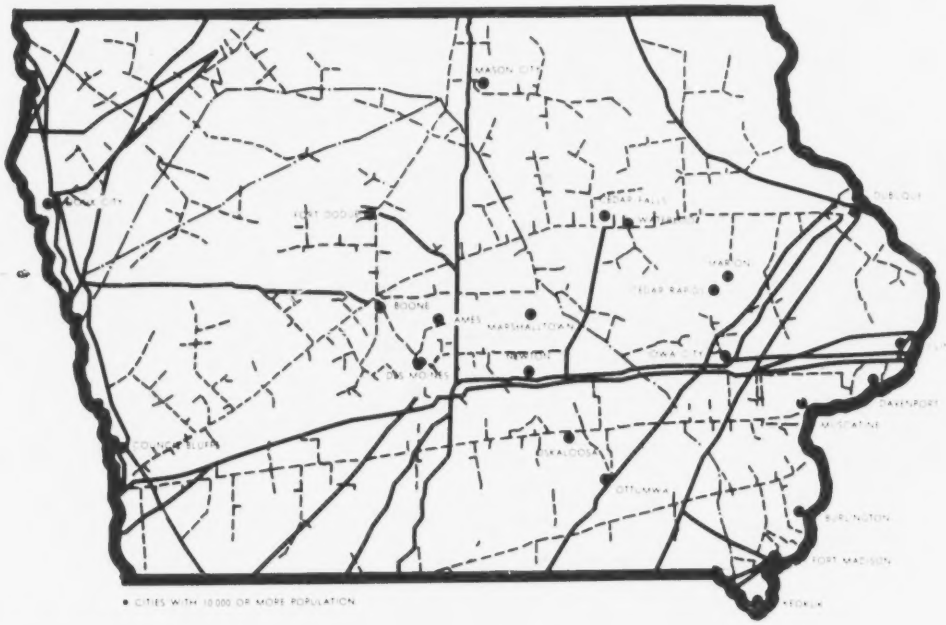
Communities of 2,500 Population and More

	Lighting, Appliances, Refrigeration, Cooking and Water Heating		
	500 KWH	750 KWH	1,000 KWH
Adel[1]	29.76	35.64	47.08
Adel[2]	31.58	35.64	47.92
Albia[1]	23.03	32.63	39.30
Albia[2]	23.03	32.63	40.30
* Algona	29.35	31.36	40.26
Altoona[1]	29.16	35.64	47.08
Altoona[2]	29.58	35.64	47.92
* Ames[1]	34.11	47.51	60.91
* Ames[2]	39.31	56.46	73.61
Anamosa[1]	31.99	44.88	57.03
Anamosa[2]	31.99	45.63	59.03
Ankeny[1]	29.16	35.64	47.08
Ankeny[2]	29.58	35.64	47.92
* Atlantic	26.29	33.41	44.39
Audubon	31.17	39.15	52.74
Belle Plaine[1]	31.99	44.88	57.03
Belle Plaine[2]	31.99	45.63	59.03
Bettendorf[1]	26.30	28.55	38.80
Bettendorf[2]	26.30	28.55	40.50
* Bloomfield	28.47	40.15	50.85
Boone[1]	31.99	44.88	57.03
Boone[2]	31.99	45.63	59.03
Burlington[1]	25.19	32.29	43.43
Burlington[2]	25.79	32.69	44.33
Camanche[1]	26.30	28.55	38.80
Camanche[2]	26.30	28.55	40.50
* Carlisle	26.20	37.50	48.00
Carroll	31.17	39.15	52.74
* Carter Lake[1]	20.46	27.27	34.09
* Carter Lake[2]	23.15	32.96	42.78
* Cedar Falls[1]	28.73	41.23	51.53
* Cedar Falls[2]	28.73	41.23	53.73
Cedar Rapids[1]	31.99	44.88	57.03
Cedar Rapids[2]	31.99	45.63	59.03
Centerville[1]	25.19	32.29	43.43
Centerville[2]	25.79	32.69	44.33
Chariton[1]	25.19	32.29	43.43
Chariton[2]	25.79	32.69	44.33
Charles City	31.17	39.15	52.74
Cherokee	31.17	39.15	52.74
Clarinda[1]	29.16	35.64	47.08
Clarinda[2]	29.58	35.64	47.92
Clarion	31.17	39.15	52.74
Clear Lake	32.82	43.24	57.58
Clinton	29.72	39.29	52.39
Clive[1]	29.16	35.64	47.08
Clive[2]	29.58	35.64	47.92
Coralville[1]	26.30	28.55	38.80
Coralville[2]	26.30	28.55	40.50
Council Bluffs[1]	29.16	35.64	47.08
Council Bluffs[2]	29.58	35.64	47.92
Cresco	32.82	43.24	57.58
Creston[1]	25.19	32.29	43.43
Creston[2]	25.79	32.69	44.33
Davenport[1]	26.30	28.55	38.80
Davenport[2]	26.30	28.55	40.50
De Witt[1]	31.99	44.88	57.03
De Witt[2]	31.99	45.63	59.03
Decorah	32.82	43.24	57.58
* Denison	18.70	19.45	24.30
Des Moines[1]	29.45	36.00	47.55
Des Moines[2]	29.87	36.00	48.40
Dubuque	29.72	39.29	52.39
Dyersville	32.82	43.24	57.58
Eagle Grove	31.17	39.15	52.74
Eldora[1]	31.99	44.88	57.03
Eldora[2]	31.99	45.63	59.03
* Eldridge[1]	24.37	35.18	45.97
* Eldridge[2]	25.23	36.81	48.38
Emmetsburg	31.17	39.15	52.74
* Estherville	27.05	37.19	47.34
Evansdale	31.17	39.15	52.74
Fairfield[1]	31.99	44.88	57.03
Fairfield[2]	31.99	45.63	59.03
* Forest City	22.00	30.00	37.50
Fort Dodge[1]	26.30	28.55	38.80
Fort Dodge[2]	26.30	28.55	40.50
Fort Madison[1]	22.59	27.57	37.04
Fort Madison[2]	22.59	28.08	38.40
Garner[1]	31.99	44.88	57.03
Garner[2]	31.99	45.63	59.03
Glenwood[1]	29.16	35.64	47.08
Glenwood[2]	29.58	35.64	47.92
Grinnell[1]	25.19	32.29	43.43
Grinnell[2]	25.79	32.69	44.33
* Grundy Center	32.00	44.00	56.00
Hampton	31.17	39.15	52.74
* Harlan	18.55	25.55	32.55
* Hawarden	22.00	28.25	34.50
Hiawatha[1]	31.99	44.88	57.03
Hiawatha[2]	31.99	45.63	59.03
Humboldt	31.17	39.15	52.74
* Independence	31.80	45.45	59.10
* Indianola	24.99	35.38	45.77
Iowa City[1]	26.30	28.55	38.80
Iowa City[2]	26.30	28.55	40.50
Iowa Falls[1]	31.99	44.88	57.03
Iowa Falls[2]	31.99	45.63	59.03
Jefferson[1]	31.99	44.88	57.03
Jefferson[2]	31.99	45.63	59.03
Keokuk[1]	22.59	27.57	37.04
Keokuk[2]	22.59	28.08	38.40
Knoxville[1]	29.16	35.64	47.08
Knoxville[2]	29.58	35.64	47.92
* Lamoni	32.25	44.63	57.00
Le Claire[1]	26.30	28.55	38.80
Le Claire[2]	26.30	28.55	40.50
Le Mars	31.17	39.15	52.74
Manchester[1]	31.99	44.88	57.03
Manchester[2]	31.99	45.63	59.03
Maquoketa[1]	31.99	44.88	57.03
Maquoketa[2]	31.99	45.63	59.03
* Maquoketa[1]	26.67	37.54	47.72
* Maquoketa[2]	26.67	38.29	49.72
Marion[1]	31.99	44.88	57.03
Marion[2]	31.99	45.63	59.03
Marshalltown[1]	31.99	44.88	57.03
Marshalltown[2]	31.99	45.63	59.03
Mason City	29.72	40.76	53.86
Missouri Valley[1]	29.16	35.64	47.08
Missouri Valley[2]	29.58	35.64	47.92
Monticello[1]	31.99	44.88	57.03
Monticello[2]	31.99	45.63	59.03
* Mount Pleasant	31.95	43.93	54.72
Mount Vernon	31.99	44.88	57.03
Mount Vernon	31.99	45.63	59.03
* Muscatine	19.37	24.20	31.68
Nevada[1]	31.99	44.88	57.03
Nevada[2]	31.99	45.63	59.03
* New Hampton	27.26	38.78	50.31
Newton[1]	25.19	32.29	43.43
Newton[2]	25.79	32.69	44.33
Oelwein	32.82	43.24	57.58
* Onawa[1]	21.00	29.25	37.50
* Onawa[2]	21.00	29.25	37.50
* Orange City	16.00	21.50	26.50
* Osage	24.10	34.90	44.70
Osceola[1]	25.19	32.29	43.43
Osceola[2]	25.79	32.69	44.33
Oskaloosa[1]	29.16	35.64	47.08
Oskaloosa[2]	29.58	35.64	47.92
Ottumwa[1]	25.19	32.29	43.43
Ottumwa[2]	25.79	32.69	44.33
* Pella	23.07	33.12	43.11
Perry[1]	31.99	44.88	57.03
Perry[2]	31.99	45.63	59.03
Red Oak[1]	29.16	35.64	47.08
Red Oak[2]	29.58	35.64	47.92
* Rock Rapids	19.13	26.75	33.50
Sac City	31.17	39.15	52.74
Sheldon	31.17	39.15	52.74
Shenandoah[1]	29.16	35.64	47.08
Shenandoah[2]	29.58	35.64	47.92
* Sibley	20.58	29.05	37.11
* Sioux Center	19.94	27.99	36.04
Sioux City	31.79	39.93	53.79
* Spencer	18.00	25.50	33.00
Spirit Lake[1]	31.99	44.88	57.03
Spirit Lake[2]	31.99	45.63	59.03
Storm Lake	31.17	39.15	52.74
* Story City[1]	31.08	41.31	51.53
* Story City[2]	31.08	42.79	54.48
Tama[1]	31.99	44.88	57.03
Tama[2]	31.99	45.63	59.03
* Tipton	23.13	31.75	41.06
Urbandale[1]	29.16	35.64	47.08
Urbandale[2]	29.58	35.64	47.92
* Vinton	27.93	39.58	51.20
Washington[1]	25.19	32.29	43.43
Washington[2]	25.79	32.69	44.33
Waterloo	31.17	39.15	52.74
Waukon	32.82	43.24	57.58
* Waverly[1]	22.00	31.38	40.75
* Waverly[2]	22.00	31.38	40.75
* Webster City	24.13	34.23	44.37
West Burlington[1]	25.19	32.29	43.43
West Burlington[2]	25.79	32.69	44.33
West Des Moines[1]	29.16	35.64	47.08
West Des Moines[2]	29.58	35.64	47.92
West Union	32.82	43.24	57.58
Windsor Heights[1]	29.16	35.64	47.08
Windsor Heights[2]	29.58	35.64	47.92
* Winterset	26.00	37.75	49.50

[1] = Winter. [2] = Summer. * = Served by Public Utility.

Source: Typical Electric Bills, January 1, 1980, Energy Information Administration, U.S. Department of Energy.

no Iowa areas isolated from energy
served by three strong interstate gas pipeline systems



PIPELINES SERVING IOWA

CRUDE OIL or PETROLEUM PRODUCTS

NATURAL GAS (Northern Natural, National Gas Pipeline of America, Michigan-Wisconsin Pipeline Co.)

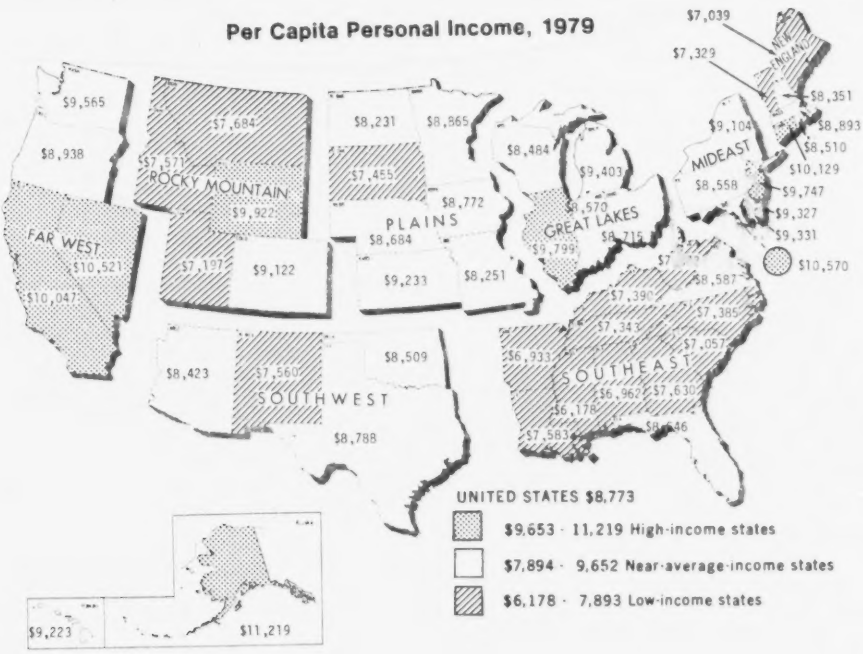
	Residential			Commercial			Industrial			Total		
	1967	1978	1979	1967	1978	1979	1967	1978	1979	1967	1978	1979
Customers (000)	520	640	662.5	61	76	78	2	2	1.9	582	719	742.7
Sales (Trillion BTU)	83.8	94	96.6	46.4	57	57.4	112.2	111.1	112.3	252.3	263	267.2
Revenues ($000,000)	76	216	260.9	30	114	138.3	38	183	230.4	147	516	631.8
Average Monthly Revenues Per Customer	$12.18	$28.13	$32.82	$40.98	$125	$147.74	$1,583.33	$7,625	$10,106.36	—		—

Source: American Gas Association "Gas Facts", 1980 edition.

electric utility industry — Iowa

	1965		1970		1975		1976		1977		1978		1979	
	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)
Residential	$116,028	4,291	$157,430	6,262	$268,653	8,226	$305,496	8,462	$360,579	8,993	$393,914	9,479	$439,665	9,660
Commercial and Industrial	107,157	5,955	147,654	8,553	288,457	11,282	336,706	11,984	403,663	13,103	447,326	13,774	521,571	14,341
Street and Highway Lighting	3,798	129	5,887	183	8,542	208	9,303	217	10,353	224	11,081	224	12,392	225
Other Public	2,898	163	4,128	232	7,411	301	9,014	332	10,839	334	11,583	344	784	36
Interdepartmental	269	21	428	26	502	31	611	36	721	34	734	33		
Railroad and Railways									3	—	3	—	2	—

Source: "Statistical Yearbook of the Electric Utility Industry," Edison Electric Institute.



per capita income, midwest

	1960	1965	1967	1970	1975	1976	1977	1978	1979
IOWA	$1,983	$2,754	$3,039	$3,751	$5,894	$6,123	$6,877	$8,002	$8,772
Minnesota	2,075	2,642	3,032	3,859	5,779	6,222	7,088	7,910	8,865
South Dakota	1,784	2,182	2,565	3,123	5,009	5,011	5,850	6,864	7,455
Nebraska	2,110	2,619	3,018	3,789	5,882	6,054	6,672	7,582	8,684
Kansas	2,160	2,701	3,099	3,853	5,958	6,444	7,040	7,882	9,233
Missouri	2,112	2,716	3,091	3,781	5,476	5,925	6,565	7,313	8,251
Illinois	2,646	3,291	3,717	4,507	6,735	7,310	8,046	8,903	9,799
Wisconsin	2,188	2,712	3,083	3,812	5,616	6,097	6,775	7,532	8,484
Indiana	2,178	2,840	3,153	3,772	5,609	6,245	6,906	7,706	8,570
Ohio	2,345	2,893	3,263	4,020	5,778	6,410	7,102	7,855	8,715
U.S.	2,222	2,785	3,188	3,966	5,861	6,402	7,042	7,836	8,773

Source: Survey of Current Business, August 1980, U.S. Department of Commerce.

total personal income, midwest (billions)

	1960	1965	1967	1970	1975	1976	1977	1978	1979
IOWA	$ 5.47	$ 7.55	$ 8.49	$10.62	$16.82	$17.60	$19.86	$23.17	$25.45
Minnesota	7.11	8.49	11.09	14.72	22.66	24.60	28.21	31.70	35.99
South Dakota	1.22	1.51	1.72	2.09	3.41	3.44	4.02	4.73	5.14
Nebraska	2.99	3.85	4.40	5.64	9.08	9.40	10.37	11.87	13.67
Kansas	4.72	5.96	6.81	8.67	13.58	14.81	16.33	18.51	21.87
Missouri	9.13	12.13	14.03	17.73	26.10	28.36	31.66	35.54	40.15
Illinois	26.69	35.19	40.69	50.15	75.42	81.83	90.34	100.09	110.03
Wisconsin	8.67	11.48	13.27	16.88	25.77	28.10	31.46	35.24	40.04
Indiana	10.18	13.98	15.93	19.62	29.80	33.18	36.95	41.41	46.28
Ohio	22.82	29.51	33.98	42.87	62.03	68.53	75.96	84.43	93.52

Source: Survey of Current Business, August 1980, U.S. Department of Commerce.

Iowa is middle-of-road in taxable payrolls, 1978

	Number of Employees Week of March 12	Annual Taxable Payroll ($000)	Estimated Weekly Payroll per Employee
IOWA	881,449	9,603,881	209.53
Minnesota	1,383,443	16,027,031	222.79
South Dakota	166,591	1,508,517	174.14
Nebraska	462,783	4,732,779	196.67
Kansas	705,128	7,550,952	205.93
Missouri	1,620,111	18,783,034	222.95
Illinois	4,127,163	54,419,711	253.57
Wisconsin	1,557,232	18,241,679	225.27
Indiana	1,798,877	22,547,106	241.04
Ohio	3,676,465	48,023,706	251.20

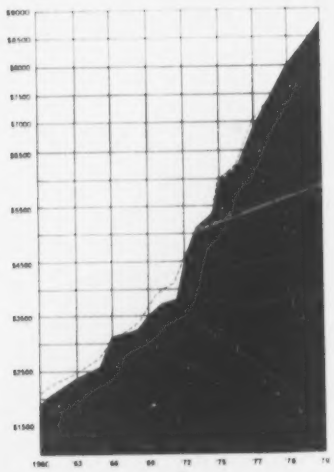
Source: "County Business Patterns," U.S. Department of the Census

personal income comes from diverse sources, 1979 (millions)

Income by place of work	Iowa	Minnesota	South Dakota	Nebraska	Kansas	Missouri	Illinois	Wisconsin	Indiana	Ohio
Total labor and proprietors income	$18,904	$28,987	$3,862	$10,595	$15,812	$32,246	$85,268	$31,108	$36,885	$74,754
By type										
Wage and salary disbursements	14,136	22,941	2,594	7,635	11,927	26,016	70,997	25,194	30,130	63,045
Other labor income	1,394	2,389	231	701	1,217	2,613	7,171	2,645	3,457	6,639
Proprietors income	3,374	3,657	1,037	2,259	2,669	3,617	7,099	3,269	3,298	5,071
Farm	1,779	1,787	705	1,426	1,429	1,413	1,803	1,447	956	709
Nonfarm	1,594	1,870	332	833	1,241	2,204	5,297	1,822	2,343	4,362
By industry										
Farm	2,107	1,994	766	1,622	1,616	1,531	2,168	1,689	1,133	1,000
Nonfarm	16,797	26,993	3,097	8,973	14,197	30,715	83,000	29,419	35,752	73,754
Private	14,383	23,194	2,393	7,301	11,819	26,362	72,382	25,495	31,624	64,962
Manufacturing	4,987	7,077	399	1,619	3,488	8,257	25,199	11,088	15,035	28,856
Mining	51	465	60	39	337	191	883	55	279	809
Contract construction	1,245	1,891	238	650	988	1,944	4,844	1,774	2,229	4,039
Wholesale and retail trade	3,238	5,304	689	1,838	2,618	5,716	14,890	4,774	5,443	11,539
Wholesale trade	1,359	2,388	275	795	1,123	2,454	6,981	1,781	1,965	4,502
Retail trade	1,879	2,916	414	1,043	1,495	3,262	7,909	2,993	3,478	7,037
Finance, insurance and real estate	1,023	1,621	178	654	796	1,785	5,450	1,471	1,559	3,183
Transportation and public utilities	1,244	2,269	274	998	2,385	3,250	6,927	1,884	2,508	5,339
Services	2,529	4,471	540	1,466	2,157	5,137	13,996	4,354	4,493	11,022
Government and government enterprises	2,415	3,799	703	1,672	2,377	4,353	10,718	3,924	4,128	8,793
Derivation of personal income by place of residence										
Total labor and proprietors income by place of work	18,904	28,987	3,862	10,595	15,812	32,246	85,268	31,108	36,885	74,754
Less: Personal contributions for social insurance by place of work	999	1,546	211	533	828	1,704	4,585	1,630	1,939	4,020
Net labor and proprietors income by place of work	17,905	27,440	3,651	10,062	14,984	30,542	80,683	29,478	34,945	70,735
Plus: Residence adjustment	96	53	7	173	877	1,667	452	472	148	487
Net labor and proprietors income by place of residence	18,001	27,388	3,658	9,889	15,861	28,875	81,135	29,950	35,093	76,247
Plus: Dividends, interest and rent	4,528	4,628	816	2,265	3,569	5,959	16,314	5,202	6,184	11,513
Plus: Transfer payments	2,926	3,976	662	1,514	2,443	5,321	12,583	4,891	5,002	11,757
Personal income by place of residence	25,455	35,991	5,137	13,668	21,873	40,155	110,032	40,043	46,279	93,517

Source: "Survey of Current Business," October, 1980, U.S. Department of Commerce

Iowa per capita income in step with U.S.



IOWA —
U.S. .....

	IOWA	U.S.
1960	$1,983	$2,222
1962	2,179	2,381
1963	2,312	2,469
1964	2,418	2,603
1965	2,754	2,785
1966	3,004	3,001
1967	3,039	3,188
1968	3,237	3,457
1969	3,514	3,737
1970	3,751	3,966
1971	3,865	4,195
1972	4,297	4,537
1973	5,168	4,980
1974	5,329	5,428
1975	5,867	5,852
1976	6,123	6,402
1977	6,877	7,042
1978	8,002	7,836
1979	8,772	8,773

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

personal income reflects industrial growth

	1960	1965	1970	1975	1976	1977	1978	1979
Total labor & proprietors income	$5,568	$7,522	$10,609	12,429	13,106	$14,777	$17,538	$18,904
By Type								
Wage & salary disbursements	3,021	3,876	5,808	8,992	10,162	11,335	12,548	14,136
Other labor income	111	198	333	735	879	1,052	1,217	1,394
Proprietors income	1,306	1,884	2,114	2,702	2,065	2,389	3,774	3,374
Farm	666	1,133	1,287	1,601	851	1,018	2,318	1,779
Nonfarm	640	751	827	1,101	1,214	1,371	1,456	1,594
By Industry								
Farm	N.A	N.A	N.A	1,777	1,077	1,265	2,572	2,107
Nonfarm	N.A	N.A	N.A	10,652	12,030	13,512	14,967	16,797
Manufacturing	912	1,233	1,791	3,044	3,403	3,919	4,362	4,987
Durables	N.A	N.A	1,019	(D)	(D)	2,520	2,826	3,270
Nondurables	N.A	N.A	773	(D)	(D)	1,399	1,536	1,718
Mining	14	19	26	50	• 49	26	44	51
Contract construction	194	229	367	733	851	1,032	1,154	1,245
Wholesale & retail trade	627	736	1,076	2,072	2,488	2,663	2,881	3,238
Wholesale trade	N.A	N.A	N.A	936	1,055	1,107	1,186	1,359
Retail trade	N.A	N.A	N.A	1,136	1,433	1,556	1,695	1,879
Finance, insurance & real estate	143	185	283	567	645	778	921	1,023
Transportation, communication & utilities	285	309	418	814	899	1,001	1,131	1,244
Services	292	409	653	1,518	1,751	1,989	2,236	2,529
Other industries	10	12	15	41	44	N/A	N/A	N/A
Government	470	678	1,098	1,711	1,900	2,057	2,180	2,415
Federal, civilian	99	139	213	262	284	307	290	353
Federal, military	24	17	18	33	34	35	36	34
State & local	348	523	867	1,417	1,582	1,714	1,855	2,028
Personal contributions for social insurance	109	154	331	637	696	774	882	999
Dividends, interest & rent	825	1,188	1,639	2,836	3,126	3,271	3,800	4,528
Transfer payments	414	542	1,047	2,037	2,262	2,425	2,621	2,926
Personal income by place of residence	N.A	N.A	N.A	16,783	17,923	19,803	23,170	25,455

(D) Not shown to avoid disclosure of confidential information.
Note: Detail may not add to total due to rounding.
Source: "Survey of Current Business," October, 1980, U.S. Department of Commerce.

industrial payrolls contribute substantially

Major Industry Groups	1977 Number of Employees (mid-March)	1977 Taxable Payrolls (Annual $000)	1977 Total Reporting Units	1978 Number of Employees (mid-March)	1978 Taxable Payrolls (Annual $000)	1978 Total Reporting Units
Total	820,688	$8,524,159	67,343	$881,449	$9,603,881	$67,518
Agricultural Services	3,348	31,651	775	3,375	34,303	732
Mining	2,630	37,758	237	2,318	38,712	232
Contract Construction	43,127	663,805	7,793	50,509	785,768	7,724
Manufacturing	245,046	3,402,027	3,533	249,205	3,763,425	3,403
Transportation & Utilities	44,176	596,701	3,290	46,627	668,122	3,174
Wholesale Trade	70,291	861,066	7,507	72,930	938,338	7,464
Retail Trade	189,223	1,147,615	20,463	207,168	1,302,135	20,238
Finance, Insurance, Real Est.	53,550	573,235	5,943	57,151	664,918	5,903
Services	168,511	1,202,353	17,043	198,031	1,373,873	16,873
Unclassified Est.	786	7,949	759	4,135	34,286	1,775

*Revised

Source: County Business Patterns — Iowa, 1978, U.S. Department of Commerce.

per capita income distributed in Iowa

County	Total Personal Income (Millions of Dollars) 1975	1976	1977	Total Per Capita Personal Income (Dollars) 1975	1976	1977
Iowa	$17,437	$17,904	$19,829	$6,076	$6,239	$6,887
Adair	50	57	63	4,990	6,038	6,772
Adams	32	32	36	5,249	5,560	6,071
Allamakee	80	83	85	5,258	5,483	5,486
Appanoose	66	74	81	4,357	4,951	5,414
Audubon	50	48	49	5,482	5,327	5,505
Benton	138	123	141	5,803	5,277	5,977
Black Hawk	814	901	999	6,049	6,644	7,304
Boone	173	167	184	6,374	6,406	7,035
Bremer	138	134	147	5,679	5,603	6,128
Buchanan	120	124	140	5,371	5,518	6,236
Buena Vista	135	116	133	6,433	5,689	6,495
Butler	97	94	106	5,658	5,482	6,135
Calhoun	91	79	88	6,624	5,727	6,461
Carroll	130	126	136	5,578	5,443	5,838
Cass	101	104	118	6,012	6,196	7,088
Cedar	119	107	123	6,927	6,080	6,947
Cerro Gordo	312	312	345	6,435	6,419	7,137
Cherokee	108	100	107	6,451	6,167	6,613
Chickasaw	83	80	89	5,391	5,247	5,820
Clarke	43	44	50	5,460	5,586	6,313
Clay	126	126	138	6,688	6,675	7,259
Clayton	112	111	120	5,328	5,415	5,825
Clinton	349	349	386	6,015	6,048	6,719
Crawford	104	96	106	5,688	5,183	5,737
Dallas	172	174	196	6,379	6,380	7,037
Davis	38	41	46	4,478	4,740	5,306
Decatur	39	37	44	4,166	3,809	4,446
Delaware	99	97	102	5,204	5,059	5,319
Des Moines	288	296	345	6,278	6,544	7,706
Dickinson	87	85	98	6,417	6,112	6,956
Dubuque	548	604	674	5,834	6,316	6,948
Emmet	87	79	87	6,269	5,820	6,349
Fayette	137	133	151	5,079	5,152	5,853
Floyd	126	118	121	6,243	5,824	6,126
Franklin	93	77	84	6,974	5,890	6,498
Fremont	59	58	66	6,469	6,439	7,301
Greene	92	83	91	7,534	6,848	7,668
Grundy	98	90	101	7,036	6,447	7,209
Guthrie	64	60	69	4,889	4,945	5,632
Hamilton	127	113	127	7,016	6,323	7,217
Hancock	90	83	93	6,696	6,180	6,915
Hardin	145	137	148	6,594	6,285	6,745
Harrison	92	84	92	5,492	5,064	5,646
Henry	119	116	126	6,687	6,586	7,086
Howard	54	54	61	4,676	4,772	5,347
Humboldt	86	76	86	6,976	6,021	6,729
Ida	60	49	51	6,760	5,573	5,817
Iowa	102	91	104	6,635	5,947	6,823
Jackson	115	113	123	5,443	5,123	5,514
Jasper	220	227	254	6,062	6,233	$7,010
Jefferson	88	94	102	6,087	6,308	6,896
Johnson	416	445	502	5,508	5,803	6,429
Jones	110	100	114	5,531	5,018	5,785
Keokuk	79	81	92	5,785	6,081	6,967
Kossuth	154	126	149	6,715	5,692	6,578
Lee	241	263	296	5,882	6,277	6,996
Linn	1,055	1,153	1,292	6,340	6,908	7,728
Louisa	65	66	76	5,883	5,975	6,825
Lucas	54	59	63	5,284	5,874	6,434
Lyon	67	66	72	5,120	5,023	5,391
Madison	62	66	73	5,031	5,499	6,037
Mahaska	123	137	143	5,547	6,318	6,536
Marion	164	181	196	5,983	6,593	7,056
Marshall	292	305	334	6,821	7,168	7,786
Mills	74	73	82	5,789	5,804	6,335
Mitchell	72	64	69	5,676	5,007	5,491
Monona	76	57	66	6,315	4,936	5,698
Monroe	46	49	53	4,902	5,263	5,737
Montgomery	84	87	98	6,505	6,790	7,559
Muscatine	263	276	299	6,696	7,050	7,604
O'Brien	109	115	122	6,206	6,623	7,059
Osceola	52	49	54	6,032	6,011	6,778
Page	111	118	133	5,770	6,356	7,134
Palo Alto	85	74	81	6,467	5,570	6,050
Plymouth	128	127	136	5,278	5,261	5,457
Pocahontas	86	64	71	7,170	5,465	6,196
Polk	2,023	2,202	2,413	6,754	7,319	8,035
Pottawattamie	487	508	573	5,619	5,875	6,607
Poweshiek	120	124	138	5,941	6,394	7,152
Ringgold	31	33	38	5,090	5,423	6,172
Sac	101	86	89	6,652	5,764	5,962
Scott	995	1,066	1,182	6,653	7,021	7,684
Shelby	89	84	91	5,795	5,505	5,987
Sioux	143	151	157	4,890	5,181	5,322
Story	371	389	450	5,524	5,646	6,500
Tama	131	118	128	6,445	6,009	6,481
Taylor	41	44	48	5,004	5,464	6,105
Union	69	74	83	5,323	5,659	6,329
Van Buren	44	44	50	5,427	5,293	5,783
Wapello	211	237	260	5,360	5,944	6,442
Warren	166	194	220	5,243	6,046	6,673
Washington	119	125	140	6,777	6,621	7,424
Wayne	40	39	48	4,826	4,801	5,948
Webster	283	285	323	5,996	6,030	6,864
Winnebago	96	96	101	7,139	7,021	7,360
Winneshiek	99	101	106	4,580	4,659	4,900
Woodbury	629	683	734	5,963	6,602	7,118
Worth	57	50	56	6,426	5,658	6,417
Wright	125	110	124	7,396	6,583	7,527

Source: Local Personal Income, U.S. Department of Commerce.

taxable payrolls by county, Iowa 1977 and 1978

County	1977			1978		
	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)
Total	67,343	820,688	$8,524,159	67,518	881,449	$9,603,881
Adair	240	1,461	11,476	238	1,531	12,898
Adams	121	1,694	13,225	121	1,694	13,012
Allamakee	405	3,019	23,333	399	3,409	26,988
Appanoose	345	3,337	28,199	345	3,271	31,791
Audubon	232	1,345	9,189	229	1,437	10,147
Benton	508	3,119	27,785	499	3,408	31,081
Black Hawk	2,878	49,386	609,307	2,880	52,620	689,708
Boone	518	4,483	38,952	532	4,747	44,512
Bremer	548	5,148	50,567	555	5,972	58,348
Buchanan	447	2,681	22,584	456	2,984	25,549
Buena Vista	579	5,100	44,554	605	5,443	50,574
Butler	404	2,054	17,560	405	2,272	19,523
Calhoun	359	2,044	15,728	347	2,229	18,110
Carroll	653	5,713	52,119	667	6,475	61,412
Cass	550	4,003	34,644	531	4,461	38,280
Cedar	416	2,690	23,124	410	2,707	23,638
Cerro Gordo	1,411	15,633	144,293	1,413	17,462	165,453
Cherokee	386	3,943	38,057	387	4,044	39,766
Chickasaw	369	3,141	29,691	378	3,465	33,607
Clarke	193	1,515	11,332	188	1,592	13,363
Clay	584	5,993	57,518	581	6,477	65,803
Clayton	457	3,234	26,806	469	3,356	30,399
Clinton	1,162	17,624	183,271	1,149	19,094	199,165
Crawford	453	4,370	43,041	448	4,434	46,406
Dallas	599	5,051	46,501	592	5,059	49,208
Davis	167	1,046	8,389	171	1,126	8,997
Decatur	184	1,466	11,366	190	2,167	12,082
Delaware	414	2,798	24,084	406	3,133	27,615
Des Moines	1,086	17,192	191,246	1,089	19,098	218,941
Dickinson	457	3,714	30,729	434	3,694	33,914
Dubuque	1,974	36,832	462,316	2,008	40,401	519,755
Emmet	330	3,533	36,259	331	3,808	41,388
Fayette	646	4,722	39,838	646	5,465	43,374
Floyd	468	6,107	70,592	450	5,326	56,499
Franklin	367	2,696	25,853	355	2,986	29,592
Fremont	199	1,156	8,993	193	1,264	10,148
Greene	302	2,158	18,631	295	2,193	20,257
Grundy	322	2,123	19,170	303	2,169	18,926
Guthrie	275	1,462	9,559	266	1,653	10,147
Hamilton	474	4,174	32,701	473	4,533	37,999
Hancock	347	2,149	18,879	351	2,277	21,219
Hardin	681	5,078	43,468	674	5,599	51,278
Harrison	332	1,963	14,848	335	2,093	17,004
Henry	470	4,758	43,953	490	5,772	51,312
Howard	283	1,691	12,833	290	1,840	14,583
Humboldt	344	2,282	20,584	317	2,373	23,182
Ida	247	1,692	14,585	249	1,924	16,783
Iowa	410	5,973	51,586	394	5,974	54,711
Jackson	484	3,610	27,890	483	4,073	29,831
Jasper	739	10,118	114,646	712	10,732	125,219
Jefferson	347	3,968	36,068	342	4,539	41,328
Johnson	1,474	16,749	152,424	1,483	18,941	175,341

taxable payrolls by county (continued)

County	1977			1978		
	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)
Jones	460	3,119	25,497	454	3,782	30,808
Keokuk	302	1,719	13,881	294	1,803	14,967
Kossuth	560	4,648	40,325	571	4,861	45,698
Lee	1,028	14,580	162,807	1,013	16,068	181,464
Linn	3,535	68,361	798,071	3,582	72,663	910,430
Louisa	209	1,565	14,304	205	1,661	13,172
Lucas	221	2,078	19,178	227	2,176	22,782
Lyon	281	1,558	12,664	279	1,778	14,706
Madison	272	1,570	11,927	253	1,815	14,207
Mahaska	574	5,215	41,610	558	5,571	47,165
Marion	588	7,656	74,211	607	8,043	87,382
Marshall	961	16,436	175,333	952	14,864	179,284
Mills	263	1,852	16,101	269	2,173	18,392
Mitchell	314	1,778	13,300	305	1,928	15,410
Monona	323	1,774	12,912	315	1,913	14,498
Monroe	178	1,509	14,652	182	1,649	15,680
Montgomery	362	3,353	29,744	355	3,619	33,291
Muscatine	909	15,731	166,929	903	15,328	177,904
O'Brien	534	3,597	28,581	534	3,899	29,139
Osceola	212	1,388	10,584	218	1,563	12,401
Page	512	5,115	43,085	522	5,320	46,501
Palo Alto	317	1,974	14,129	304	2,041	15,941
Plymouth	590	4,877	40,784	596	4,972	45,059
Pocahontas	329	1,986	16,096	326	2,248	19,246
Polk	7,854	140,735	1,591,411	7,923	149,826	1,798,304
Pottawattamie	1,520	16,553	147,472	1,515	18,028	171,086
Poweshiek	475	5,320	47,157	486	5,756	53,111
Ringgold	146	792	5,062	150	854	5,620
Sac	441	2,784	22,932	442	2,838	24,224
Scott	3,308	53,654	659,051	3,306	57,348	755,741
Shelby	369	2,552	21,022	364	2,712	22,525
Sioux	803	6,895	55,613	815	7,668	62,516
Story	1,397	15,226	131,848	1,408	17,271	156,556
Tama	446	2,963	24,948	421	3,201	27,862
Taylor	176	1,234	7,377	168	1,139	7,143
Union	373	2,802	22,167	370	2,996	23,707
Van Buren	172	926	6,316	182	986	7,076
Wapello	817	10,564	112,657	812	11,302	126,084
Warren	456	3,395	29,750	461	3,988	34,912
Washington	563	4,468	41,604	550	5,190	48,082
Wayne	187	1,122	7,982	193	1,298	10,163
Webster	1,211	14,432	147,917	1,212	15,875	163,664
Winnebago	361	6,717	55,284	365	6,535	63,195
Winneshiek	457	3,637	34,039	465	4,194	38,348
Woodbury	2,621	36,602	368,294	2,587	40,422	434,648
Worth	190	1,030	7,360	187	1,064	8,104
Wright	479	3,720	34,033	461	4,160	39,243
Statewide	47	135	1,817	297	264	6,297

Source: County Business Patterns, 1978, Iowa", U.S. Department of Commerce, Bureau of the Census.

total personal and per capita income[1], Iowa smsa's

	Per Capita Personal Income					Total Personal Income[1] (millions)				
	1974	1975	1976	1977	1978	1974	1975	1976	1977	1978
Cedar Rapids	$5,862	$6,196	$6,908	$7,811	$8,808	$ 968	$ 1,030	$ 1,153	$ 1,296	$ 1,466
Davenport, Rock Island, Moline	6,062	6,564	7,137	7,881	8,716	2,231	2,444	2,662	2,942	3,262
Des Moines	5,875	6,507	7,197	7,981	8,816	1,938	2,156	2,396	2,643	2,946
Dubuque	5,281	5,786	6,316	7,225	8,105	494	545	604	677	753
Iowa City				6,718	7,441				517	581
Omaha, Council Bluffs	5,397	5,915	6,406	6,945	7,676	3,111	3,393	3,725	4,015	4,465
Sioux City	5,326	6,003	6,438	6,931	7,907	631	716	771	834	945
Waterloo, Cedar Falls	5,452	6,105	6,644	7,403	8,060	729	802	901	1,012	1,119
All SMSA's	5,428	5,851	6,396	7,502	8,343	1,147,257	1,246,501	1,372,833	1,195,276	1,338,519

[1]Reflects income at place of residence.
Source: "Survey of Current Business", April 1980, U.S. Department of Commerce.

1978 earnings by industrial source, smsa's (thousands)

	Cedar Rapids	Davenport Rock Island Moline	Des Moines	Dubuque	Iowa City	Omaha Council Bluffs	Sioux City	Waterloo Cedar Falls
Total Labor and Proprietors Income by Place of Work:								
By Type:								
Wage and Salary Disbursements	$1,048,235	$2,246,887	$2,198,148	$578,122	$407,417	$3,198,037	$583,608	$839,181
Other Labor Income	107,169	228,770	206,096	56,924	26,926	283,395	60,395	84,245
Proprietors Income	81,282	213,454	187,527	60,248	52,252	299,220	111,166	69,148
Farm	17,776	69,964	12,011	19,925	24,671	30,079	42,468	17,882
Nonfarm	63,507	143,490	175,516	40,323	27,581	269,141	68,698	51,266
By Industry:								
Farm	21,726	77,925	18,128	22,152	27,387	37,726	48,265	21,814
Nonfarm	1,214,950	2,611,186	2,573,643	673,132	459,208	3,742,926	706,904	970,760
Private	1,105,467	2,269,011	2,217,928	627,111	253,618	3,079,795	636,423	877,655
Manufacturing	504,549	1,047,162	464,822	342,846	51,583	571,040	168,589	473,902
Mining	3,390	3,908	3,090	952	946	3,619	63	404
Contract Construction	92,769	167,138	189,060	39,375	28,644	273,428	63,158	58,112
Wholesale and Retail Trade	191,550	450,219	533,016	88,724	69,723	734,206	139,249	134,956
Finance, Insurance, and Real Estate	70,275	116,819	311,947	21,061	16,460	344,171	45,550	33,312
Transp., Comm., & Public Utilities	78,542	163,747	230,123	33,839	18,782	483,945	95,527	50,711
Services	162,405	314,748	479,531	98,977	67,033	662,218	122,359	125,137
Other Industries	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Government	109,483	342,175	355,715	46,021	205,590	663,131	70,481	93,105
Federal, Civilian	15,684	125,892	87,692	6,622	24,487	145,276	16,744	10,033
Federal, Military	1,956	7,021	4,607	1,323	955	172,150	1,558	1,582
State and Local	91,843	209,262	263,416	38,076	180,148	345,705	52,179	81,490
Derivation of Personal Income by Place of Residence:								
Total Labor and Proprietors Income by Place of Work	1,236,676	2,689,111	2,591,771	695,284	486,595	3,780,652	755,169	992,574
Less: Personal Contributions for Social Insurance by Place of Work	68,018	142,678	145,616	38,634	22,271	217,724	42,402	54,678
Net Labor and Proprietors Income by Place of Work	1,168,658	2,546,433	2,446,155	656,650	464,324	3,562,928	712,767	937,896
Plus: Residence Adjustment	-52,307	110,347	168,825	97,133	21,990	132,104	30,575	90,200
Net Labor and Proprietors Income by Place of Residence	1,116,351	2,436,086	2,277,330	559,517	442,334	3,430,824	682,192	847,696
Plus: Dividends, Interest, and Rent	216,313	491,556	360,224	115,880	86,819	536,942	144,917	153,377
Plus: Transfer of Payments	133,656	334,044	308,258	77,327	51,399	497,271	117,866	117,717
Personal Income by Place of Residence	1,466,320	3,261,686	2,945,812	752,724	580,552	4,465,037	944,975	1,118,790
Per Capita Income	8,808	8,716	8,816	8,105	7,441	7,676	7,907	8,060
Total Population (thousands)	166.5	374.2	334.1	92.9	78.0	581.7	119.5	138.8

(D) Data not shown to avoid disclosure.
Source: "Local Area Personal Income", 1973-1978, U.S. Department of Commerce.

Iowa government finances healthy

The Iowa Treasury is healthy. Iowa per capita debt is the nation's fifth lowest. This means that Iowa's future is not mortgaged, and more tax revenue is spent to get things done instead of paying interest.

Amounts spent by Iowa's state and local government establishes the median (half above and half below) for the nation, with greater emphasis on education and highways than found in most other states.

Iowa exempts from its 3 percent sales and use tax, food and drugs, thus reducing the "family" impact of this tax; and it is phasing out its county personal property taxes, another example of lessening the tax bite on "families".

"Fiscal stability" is the term often used to describe Iowa's finances. When Iowa does borrow, it qualifies for low interest rates because of its low indebtedness and its "fiscal stability".

here's Iowa's low per capita debt ranking, 1979

Source: State Government Finances, 1977-78, U.S. Department of Commerce.

Iowa low spender on welfare, police, fire

1978-79

	Per Capita		Per $1,000 Personal Income	
	U.S.	Iowa	U.S.	Iowa
Total General Expenditures	$1,481.26	$1,478.33	$190.82	$185.16
Education	542.70	618.88	69.91	77.51
Highways	129.22	226.65	16.65	28.39
Public Welfare	183.64	151.24	23.65	18.94
Health & Hospital	128.20	132.23	16.52	16.56
Police Protection	55.46	37.60	N/A	N/A
Fire Protection	23.38	12.28	N/A	N/A
Sewerage	39.96	28.97	N/A	N/A
Sanitation	21.46	9.28	N/A	N/A
Local Parks & Recreation	48.17	51.45	N/A	N/A
Financial Administration	27.58	33.45	N/A	N/A
General Control	35.17	28.23	N/A	N/A
Interest on Debt	59.01	25.94	N/A	N/A
All Other	133.57	83.90	N/A	N/A

Source: Governmental Finances, 1977-78, U.S. Department of Commerce.

relation of selected government finances to personal income: 1979

	General Revenue Per $1,000 Personal Income						General Expenditures Per $1,000 Personal Income					
			Taxes					Education				
	Total	Revenue from Federal Government	Total[1]	General Sales or Gross Receipts	Individual Income	Charges and Miscellaneous	Total	Total	Intergovernmental[1]	State Institutions of Higher Education	Public Welfare	Highways
U.S. Average	122.25	32.05	73.43	23.21	19.17	15.28	117.83	45.67	27.15	14.50	22.85	12.47
Median State	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Illinois	96.47	23.31	63.17	21.93	17.41	8.95	93.31	34.20	20.97	9.21	23.04	10.43
Indiana	102.15	22.15	64.44	31.64	14.33	15.24	92.74	41.34	20.15	18.26	11.54	12.93
IOWA	111.16	26.50	67.73	17.51	24.12	15.41	118.12	50.74	29.65	18.10	17.59	20.60
Kansas	105.97	25.78	64.18	21.57	16.09	15.13	102.69	44.14	22.86	19.64	16.80	15.78
Minnesota	151.50	33.06	98.85	19.18	39.62	18.14	141.41	59.82	37.69	19.46	23.71	14.86
Missouri	92.66	26.58	56.64	22.03	15.05	9.41	86.83	33.88	20.70	11.51	15.52	13.84
Nebraska	106.52	26.86	62.57	21.28	17.57	14.75	102.39	32.45	10.85	18.81	15.13	18.89
Ohio	93.33	24.67	54.72	16.90	10.28	13.02	94.01	39.60	23.14	14.52	15.93	10.83
South Dakota	127.51	46.31	51.88	27.58		28.04	130.59	42.79	14.04	26.18	18.25	22.03
Wisconsin	148.47	37.72	92.52	23.26	39.03	17.17	142.80	48.00	24.31	20.08	30.35	11.60

[1] Includes amounts for categories not shown separately.
[2] Medians are based on those States having the specified items.
Source: "State Government Finances," U.S. Department of Commerce, Bureau of the Census.

aggregate tax amounts collectible in fiscal year 1979-1980

	Cities	Rural Areas	State
District School Tax (General Fund)	$301,509,638	$271,187,317	$572,686,955
District School Tax (Schoolhouse Fund)	37,281,130	31,802,546	69,083,676
Area Vocational School Tax	9,759,885	10,812,711	20,572,596
City Tax	235,761,153	0	235,761,153
General County Tax	18,301,880	20,039,256	38,341,136
County F.I.C.A. & I.P.E.R.S.	4,108,382	3,762,642	7,871,024
Emergency Tax	1,611,206	1,492,927	3,104,133
Poor Tax	9,729,741	8,379,721	18,109,462
Mental Health & Institutions Tax	33,366,075	26,860,388	60,226,463
Veterans Affairs Tax	1,717,840	1,562,451	3,280,291
Court Expense Tax	17,622,361	13,318,668	30,941,029
County Bond Tax	2,418,019	2,127,384	4,545,403
Fairgrounds, County Fair & 4H Club	876,763	1,162,903	2,039,666
County Conservation Tax	4,878,473	4,624,273	9,502,746
Secondary Roads Tax	3,666,337	69,934,659	73,600,996
Road Clearing Tax	0	2,604,726	2,604,726
Election Expense Tax	1,162,049	1,020,673	2,182,722
Agricultural Extension District Tax	1,591,797	2,604,264	4,196,061
Assessors & Special Appraiser Taxes	6,509,385	6,640,976	13,150,361
County Hospital Tax	9,698,779	6,694,497	16,393,276
Township General Tax	87,797	7,825,509	7,913,306
Miscellaneous Other Taxes	6,228,244	8,180,369	14,408,613
TOTAL OF ALL AGGREGATE TAX AMOUNTS	$707,886,934	$502,638,860	$1,210,525,794
AVERAGE TAX RATE (Aggregate Tax divided by Taxable Value x 1,000)	$ 29.04969	$ 19.04042	$ 23.84490
MONEYS AND CREDITS TAX ($5 per $1,000 Valuation)	$ 235,641	$ 3,858	$ 239,499
GRAIN HANDLED TAX (25¢ per 1,000 Bushels)	$ 276,221	$ 45,093	$ 321,314

Source: Iowa Department of Revenue, Property Tax Division.

federal outlays in Iowa, fiscal 1979
(thousands)

Department of Defense-Military	$ 384,768
Foreign Economic and Financial Assistance	363
Conduct of Foreign Affairs	15
General Science and Basic Research	5,082
Space Flight	157
Space Science, Applications and Technology	2,817
Supporting Space Activities	28
Energy Supply	15,614
Energy Conservation	282
Energy Information, Policy and Regulation	107
Water Resource	6,419
Conservation and Land Management	18,646
Recreational Resources	9,722
Pollution Control and [illegible]tement	51,086
Other Natural Resources	2,991
Farm Income Stabilization	640,920
Agricultural Research and Services	39,275
Mortgage Credit and Thrift Insurance	817
Postal Service	205,344
Other Advancement and Regulation of Commerce	7,672
Ground Transportation	123,326
Air Transportation	15,143
Water Transportation	2,289
Other Transportation	67
Community Development	48,763
Area and Regional Development	19,627
Disaster Relief and Insurance	6,706
Education, Training, Employment, Social Services	25,113
Elementary, Secondary, & Vocational Education	48,561
Higher Education	58,672
Research and General Education Aids	6,750
Training and Employment	84,624
Other Labor Services	736
Social Services	48,699
Health	42,823
Health Care Services	516,961
Consumer and Occupational Health and Safety	15,516
Income Security	4,304
General Retirement and Disability Insurance	1,532,401
Federal Employee Retirement and Disability	96,600
Unemployment Compensation	14,126
Public Assistance & Other Income Supplements	185,077
Income Security for Veterans	127,060
Veterans Education, Training and Rehabilitation	27,526
Hospital and Medical Care for Veterans	87,265
Veterans Housing	118
Other Veterans Benefits and Services	3,758
Federal Law Enforcement Activities	531
Federal Litigative and Judicial Activities	1,416
Criminal Justice Assistance	6,145
Central Fiscal Operations	14,269
General Property and Records Management	5,176
Central Personnel Management	66
Other General Government	583
Totals	$4,562,922

Source: "Report on Federal Funds Received in Iowa — Fiscal Year 1979," Office of Planning and Programming.

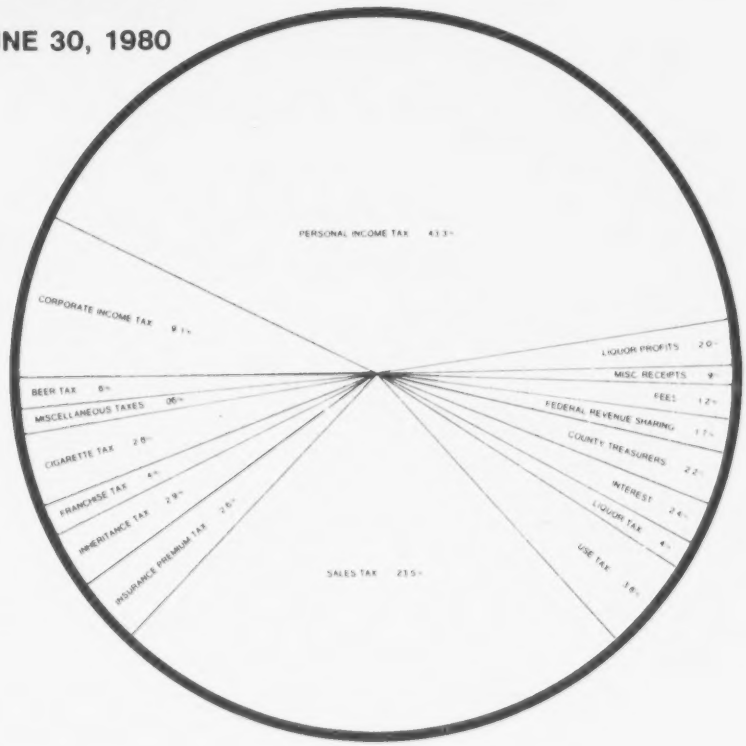
states share in federal aid, fiscal 1979
(Amounts per person)

Alabama	$ 363	Illinois	$ 337	Montana	$ 552	Rhode Island	$ 443
Alaska	958	Indiana	258	Nebraska	302	South Carolina	337
Arizona	330	IOWA	303	Nevada	395	South Dakota	459
Arkansas	389	Kansas	305	New Hampshire	330	Tennessee	344
California	364	Kentucky	383	New Jersey	370	Texas	268
Colorado	340	Louisiana	377	New Mexico	497	Utah	334
Connecticut	345	Maine	463	New York	503	Vermont	491
Delaware	400	Maryland	380	North Carolina	310	Virginia	327
D.C.	1,736	Massachusetts	473	North Dakota	449	Washington	361
Florida	271	Michigan	388	Ohio	286	West Virginia	411
Georgia	426	Minnesota	373	Oklahoma	328	Wisconsin	365
Hawaii	446	Mississippi	431	Oregon	424	Wyoming	540
Idaho	372	Missouri	311	Pennsylvania	349	U.S.	367

Source: "Statistical Abstract of the U.S.," U.S. Department of Commerce, Bureau of the Census.

general fund receipts (dollars in millions)

FISCAL YEAR ENDING JUNE 30, 1980



Twelve Months Actual Through June

	1979	1980
SPECIAL TAXES		
Personal Income Tax	$ 669.9	$ 721.3
Sales Tax	368.7	391.8
Corporate Income Tax	139.1	152.2
Use Tax	58.1	64.2
Cigarette Tax	45.4	46.6
Inheritance Tax	40.7	47.7
Insurance Premium Tax	39.4	43.3
Beer Tax	10.2	9.9
Franchise Tax	6.3	6.9
Liquor Tax	6.3	6.5
Miscellaneous Tax	2.7	1.2
TOTAL SPECIAL TAXES	$1,386.8	$1,491.5
FEDERAL REVENUE SHARING	27.0	28.4
COUNTY TREASURERS	31.2	36.1
LIQUOR PROFITS	29.0	32.8
INTEREST	31.2	40.2
FEES	17.7	19.8
MISC. RECEIPTS	13.6	15.3
TOTAL RECEIPTS	$1,536.5	$1,664.1

Source: Office of the State Comptroller.

Iowa tax revenues, by type of tax (dollars in thousands)

Tax Source	1960	1965	1970	1975	1976	1977	1978	1979
Sales and Gross Receipts	$163,646	$191,677	$379,557	$484,146	$565,448	$572,115	$612,249	$671,827
General sales or gross receipts—sales and use	80,680	92,741	223,464	283,758	351,872	346,785	376,212	405,655
Selective sales and gross receipts	82,966	98,936	156,093	200,388	269,603	297,178	236,037	266,172
Motor Fuels	60,359	65,693	100,831	118,923	126,893	133,108	136,131	162,098
Refunds	-14,370	-13,889	-15,500	-11,618	-10,477	-8,996	-6,862	-8,768
Gross collections	74,730	79,581	116,331	130,541	137,370	142,104	143,023	170,866
Alcoholic beverages	3,235	7,359	9,048	13,300	14,321	14,748	15,688	16,474
Beer	3,235	3,420	5,796	8,516	8,840	9,160	9,498	10,146
Tax (10% prior to 1967, 15% from 1967)	—	3,939	3,252	4,784	5,481	5,588	NA	NA
Tobacco products—cigarettes	11,489	15,209	29,824	44,293	45,342	46,277	47,003	46,250
Insurance—gross premiums	7,497	10,275	15,704	23,592	26,780	30,910	35,836	39,398
Other—butterfat	386	400	686	280	240	287	288	267
License	50,728	62,070	90,040	124,243	137,663	145,219	151,949	164,774
Motor vehicles	43,631	54,297	75,106	99,767	108,592	116,017	121,369	128,707
General	43,423	54,119	74,851	99,589	108,430	115,855	121,209	128,536
Truckers	146	178	255	178	162	162	160	171
Motor vehicle operation	2,679	2,879	5,622	6,341	6,660	5,759	6,653	6,341
Corporations in general—filing and qualifications	286	319	602	1,002	5,136 1,151	5,327 1,260	6,491	10,467
Public utilities	28	27	34	34	59	73	70	80
Alcoholic beverages	65	36	2,373	4,700	4,354	4,492	4,566	4,681
Occupations and businesses, not elsewhere classified	2,191	2,398	3,305	6,350	7,527	7,598	7,778	7,874
Animal health and veterinarian fees	317	686	758	2,110	1,784	1,821	1,462	1,153
Bank examinations	465	559	1,070	1,605	1,994	1,958	2,180	2,151
Insurance Commission	352	322	526	813	509	539	1,103	1,191
Other	1,057	831	951	1,822	1,724	1,676	3,033	3,379
Hunting and fishing	1,517	1,970	2,593	4,076	4,636	4,431	4,134	4,872
Other	331	144	405	1,373	699	1,522	888	1,752
Boat and aircraft registration	—	135	389	1,359	683	1,505	863	1,734
Tax permits	13	9	16	14	16	18	25	18
Individual income	36,671	57,554	112,746	358,899	388,212	447,409	490,210	558,879
Corporation Net Income	3,807	5,887	24,273	63,612	77,831	91,894	108,961	130,074
Property-special-car equip.	3,641	4,078	4,063	115	117	125	92	
Death and Gift inheritance and estate	7,294	10,020	16,767	29,460	28,270	33,068	36,808	40,717
Documentary and Stock Transfer	—	—	881	1,485	1,958	2,685	3,013	3,077

[1]Tax repealed effective June 5, 1978, and replaced by "Public Utilities - Freight Lines," tax above.
Source: State Tax Collections in 1960-1979, U.S. Department of Commerce, Bureau of Census.

state sales, gasoline, gasohol, and cigarette tax rates — January 1, 1980 (midwest)

State	Sales Tax Rate	Gasoline Tax Per Gallon	Gasohol Tax Exemption Per Gallon	Cigarette Tax Per Package
Illinois	4.0%	7.5¢	4.0%	12.0¢
Indiana	4.0%	8.5¢	4.0%	10.5¢
Iowa	3.0%	10.0¢	10.0¢[1]	13.0¢
Kansas	3.0%	8.0¢	4.0¢	11.0¢
Minnesota	4.0%	11.0¢	4.0¢	18.0¢
Missouri	3.125%	7.0¢	3.125%	9.0¢
Nebraska	3.0%	13.6¢	5.0¢	13.0¢
Ohio	4.0%	7.0¢	4.0%	15.0¢
S. Dakota	4.0%	12.0¢	4.0¢	14.0¢
Wisconsin	4.0%	9.0¢	4.0%	16.0¢

[1]Sales tax is currently charged to gasohol. Exemption changes on May 1, 1981 to 5¢ with no sales tax charge.
Source: National Alcohol Fuels Commission, "State Tax Review".

average tax rates and total tax, Iowa counties

Counties	Real, Personal, Utilities — Net Taxable Valuations (Less Exemptions) (Moneys & Credits Excluded)			Average Tax Rate (Exclusive of Moneys & Credits Tax) Using Total Net Valuations for Cities[1]			Total Tax Levied (Exclusive of Moneys & Credits Tax)			
	County Total	Cities Only	Rural Districts Only	County Total	Cities Only	Rural Districts Only	State	County Total	Cities Only	Rural Districts Only
Adair	$ 228,185,161	$ 46,659,512	$181,525,649	$19.30	$24.16	$18.05	$0	$ 4,404,140	$ 1,127,087	$3,277,053
Adams	144,967,735	18,707,057	126,260,678	20.44	28.20	19.29	0	2,962,946	527,547	2,435,399
Allamakee	318,122,100	76,642,340	241,479,760	18.64	22.83	17.31	0	5,930,265	1,749,945	4,180,320
Appanoose	193,611,123	73,955,609	119,615,514	25.96	32.00	22.22	0	5,026,221	2,368,163	2,658,057
Audubon	210,580,630	38,207,473	172,373,157	19.93	25.83	18.62	0	4,196,346	986,994	3,209,351
Benton	476,530,342	135,528,557	341,001,785	21.23	25.67	19.47	0	10,117,955	3,478,949	6,639,006
Black Hawk	1,823,337,757	1,527,101,536	296,236,221	29.34	30.73	22.14	0	53,489,047	46,931,831	6,557,215
Boone	499,076,953	158,195,372	340,881,581	22.04	29.80	18.41	0	11,001,366	4,714,873	6,286,493
Bremer	394,497,058	162,178,861	232,318,197	21.23	24.53	18.93	0	8,375,644	3,978,023	4,397,622
Buchanan	394,136,091	117,557,389	276,578,702	21.79	26.43	19.82	0	8,588,301	3,107,583	5,480,719
Buena Vista	478,567,620	149,848,531	328,719,089	19.88	26.78	16.73	0	9,512,943	4,012,387	5,500,556
Butler	356,690,370	88,244,731	268,445,639	19.27	24.17	17.66	0	6,872,424	2,132,753	4,739,671
Calhoun	395,238,511	89,763,224	305,475,278	18.50	24.95	16.60	0	7,311,056	2,239,170	5,071,886
Carroll	451,109,570	173,643,444	277,466,126	20.88	25.12	18.22	0	9,417,430	4,361,719	5,055,711
Cass	342,578,270	115,659,918	226,918,352	22.41	26.23	20.47	0	7,678,121	3,033,679	4,644,443
Cedar	403,791,834	101,606,021	302,185,813	19.50	23.18	18.26	0	7,872,839	2,355,222	5,517,617
Cerro Gordo	819,521,533	494,445,959	325,075,574	25.84	29.85	19.73	0	21,172,816	14,758,746	6,414,071
Cherokee	400,286,564	102,104,316	298,182,248	18.93	25.80	16.58	0	7,578,339	2,634,152	4,944,188
Chickasaw	289,655,610	85,321,849	204,333,761	21.02	24.77	19.47	0	6,090,728	2,113,117	3,977,612
Clarke	149,248,479	44,303,074	104,945,405	23.32	27.70	21.47	0	3,480,086	1,227,216	2,252,870
Clay	502,645,354	179,500,857	323,144,497	18.57	23.46	15.85	0	9,333,669	4,210,573	5,123,096
Clayton	349,477,536	93,732,574	255,744,962	23.49	28.11	21.79	0	8,208,100	2,635,202	5,572,898
Clinton	947,874,045	588,336,930	359,537,115	24.51	27.82	19.10	0	23,233,685	16,365,654	6,868,031
Crawford	394,410,301	118,696,233	275,714,068	20.19	25.20	18.03	0	7,961,964	2,990,943	4,971,021
Dallas	586,069,318	190,772,745	395,296,573	21.98	27.21	19.46	0	12,833,025	5,190,124	7,692,901
Davis	154,346,150	27,869,764	126,476,386	20.75	27.37	19.29	0	3,202,220	762,786	2,439,434
Decatur	141,489,330	31,695,186	109,794,144	22.93	26.22	21.98	0	3,244,946	831,158	2,413,788
Delaware	327,973,600	86,632,012	241,341,588	22.51	26.10	21.22	0	7,381,728	2,261,369	5,120,359
Des Moines	678,234,229	433,898,191	244,336,038	26.76	29.70	21.54	0	18,148,882	12,884,810	5,264,072
Dickinson	418,178,541	186,905,214	231,273,327	18.73	21.80	16.25	0	7,833,285	4,075,295	3,757,991
Dubuque	1,109,070,567	769,225,574	339,844,993	29.24	31.29	24.60	0	32,432,322	24,072,889	8,359,433
Emmet	334,838,724	103,523,635	231,315,089	18.94	26.36	15.62	0	6,342,854	2,728,971	3,613,883
Fayette	492,031,035	153,330,157	338,700,878	20.59	25.19	18.51	0	10,129,325	3,860,475	6,268,850

average tax rates and total tax, Iowa counties (continued)

Counties	Real, Personal, Utilities — Net Taxable Valuations (Less Exemptions) (Moneys & Credits Excluded)			Average Tax Rate (Exclusive of Moneys & Credits Tax) Using Total Net Valuations for Cities			Total Tax Levied (Exclusive of Moneys & Credits Tax)			
	County Total	Cities Only	Rural Districts Only	County Total	Cities Only	Rural Districts Only	State	County Total	Cities Only	Rural Districts Only
Floyd	$ 394,886,065	$ 142,529,926	$252,356,139	$22.44	$27.21	$19.75	$0	$ 8,861,812	$ 3,878,503	$4,983,309
Franklin	441,004,330	95,643,846	345,360,484	17.69	22.13	16.46	0	7,802,537	2,116,935	5,685,602
Fremont	283,831,351	34,193,775	249,637,576	18.90	25.43	18.00	0	5,363,260	869,408	4,493,852
Greene	385,709,972	86,032,635	299,677,337	18.75	24.49	17.10	0	7,230,366	2,106,755	5,123,611
Grundy	408,525,303	103,518,477	305,006,826	19.47	23.50	18.10	0	7,954,602	2,433,022	5,521,580
Guthrie	282,372,929	51,350,546	231,022,383	21.03	26.79	19.75	0	5,938,829	1,375,596	4,563,233
Hamilton	474,454,707	145,022,376	329,432,331	20.64	25.96	18.30	0	9,794,904	3,765,395	6,029,509
Hancock	481,895,328	142,269,198	339,626,130	18.18	23.57	15.92	0	8,758,739	3,353,036	5,405,703
Hardin	490,126,712	153,585,223	336,541,489	19.89	25.79	17.20	0	9,748,711	3,960,262	5,788,448
Harrison	369,979,336	76,429,844	293,549,492	19.86	24.77	18.58	0	7,348,360	1,893,059	5,455,301
Henry	323,334,698	105,664,839	217,669,859	21.62	24.85	20.05	0	6,990,476	2,626,050	4,364,427
Howard	184,589,405	51,914,937	132,674,468	25.31	32.26	22.63	0	4,676,959	1,674,807	3,002,153
Humboldt	370,540,319	101,834,499	268,705,820	17.94	22.77	16.11	0	6,648,013	2,318,409	4,329,603
Ida	261,770,424	50,373,035	211,397,389	18.88	23.55	17.77	0	4,942,899	1,186,063	3,756,837
Iowa	345,778,977	68,098,355	277,680,622	20.53	24.25	19.62	0	7,100,428	1,651,286	5,449,142
Jackson	290,254,905	109,590,755	180,664,150	26.10	28.74	24.51	0	7,576,913	3,149,524	4,427,389
Jasper	647,892,553	306,546,442	341,436,111	23.90	28.27	19.97	0	15,485,438	8,665,603	6,819,835
Jefferson	263,821,817	94,354,259	169,467,558	23.33	26.73	21.45	0	6,156,271	2,521,070	3,635,201
Johnson	1,090,292,816	745,209,853	345,082,963	27.05	29.29	22.20	0	29,488,691	21,828,220	7,660,471
Jones	333,697,043	100,190,748	233,506,295	20.43	24.17	18.82	0	6,815,841	2,421,788	4,394,053
Keokuk	292,005,576	67,620,698	224,384,878	19.46	22.70	18.49	0	5,683,193	1,535,179	4,148,014
Kossuth	743,069,953	149,650,040	593,419,913	15.19	20.02	13.98	0	11,289,514	2,995,611	8,293,903
Lee	719,688,581	425,220,738	294,467,843	23.78	25.49	21.31	0	17,115,743	10,840,194	6,275,549
Linn	2,325,490,323	1,894,156,163	431,334,160	32.20	34.94	20.17	0	74,890,390	66,189,989	8,700,400
Louisa	286,425,752	49,275,633	237,150,119	19.90	24.66	18.92	0	5,700,900	1,215,011	4,486,888
Lucas	160,741,246	64,202,598	96,538,648	25.17	28.68	22.83	0	4,045,938	1,841,511	2,204,427
Lyon	306,721,655	66,791,664	239,929,991	17.50	22.01	16.24	0	5,366,659	1,470,015	3,896,644
Madison	243,716,253	54,774,716	188,941,537	24.06	27.58	23.04	0	5,863,792	1,510,821	4,352,971
Mahaska	408,105,561	134,662,217	273,443,344	20.48	26.01	17.76	0	8,358,182	3,502,406	4,855,776
Marion	426,253,819	215,420,181	210,833,638	19.63	22.17	17.03	0	8,366,786	4,776,731	3,590,055
Marshall	763,705,979	443,021,855	320,684,124	24.82	28.29	20.02	0	18,954,745	12,534,045	6,420,700
Mills	291,414,166	58,520,376	232,893,790	20.77	26.59	19.26	0	6,051,575	1,566,128	4,485,446
Mitchell	274,861,322	69,377,049	205,484,273	19.63	24.27	18.06	0	5,395,453	1,683,674	3,711,779

average tax rates and total tax, Iowa counties (continued)

Counties	Real, Personal, Utilities — Net Taxable Valuations (Less Exemptions) (Moneys & Credits Excluded)			Average Tax Rate (Exclusive of Moneys & Credits Tax) Using Total Net Valuations for Cities[1]			Total Tax Levied (Exclusive of Moneys & Credits Tax)			
	County Total	Cities Only	Rural Districts Only	County Total	Cities Only	Rural Districts Only	State	County Total	Cities Only	Rural Districts Only
Monona	$ 318,547,650	$ 53,467,191	$265,080,459	$18.99	$25.05	$17.76	$0	$ 6,047,804	$ 1,339,512	$4,708,292
Monroe	133,868,123	32,759,798	101,108,325	26.01	31.26	24.31	0	3,481,895	1,023,920	2,457,976
Montgomery	267,633,861	84,708,321	182,925,540	21.29	27.21	18.55	0	5,697,635	2,304,628	3,393,007
Muscatine	693,618,930	380,781,518	312,837,412	24.91	28.60	20.42	0	17,276,267	10,892,125	6,384,142
O'Brien	439,492,976	117,613,884	321,879,092	16.99	22.29	15.05	0	7,467,672	2,621,986	4,845,686
Osceola	232,457,295	46,455,038	186,002,257	19.16	25.26	17.63	0	4,453,608	1,173,539	3,280,069
Page	325,840,352	131,524,219	194,316,133	23.46	28.43	20.09	0	7,643,659	3,739,847	3,903,812
Palo Alto	379,631,791	72,492,142	307,139,649	17.30	25.07	15.47	0	6,567,341	1,817,309	4,750,033
Plymouth	542,072,720	156,247,617	385,825,103	18.45	23.28	16.49	0	9,999,148	3,636,828	6,362,320
Pocahontas	411,354,922	69,844,392	341,510,530	16.82	23.03	15.55	0	6,918,821	1,608,553	5,310,269
Polk	4,165,591,000	3,698,717,350	475,784,550	33.36	33.84	29.02	0	138,972,555	125,165,170	13,807,386
Pottawattamie	1,075,948,345	599,727,017	476,221,328	30.70	37.82	21.74	0	33,034,892	22,681,596	10,353,296
Poweshiek	367,948,370	117,482,685	250,465,685	22.92	27.49	20.58	0	8,432,748	3,279,333	5,153,415
Ringgold	143,094,363	23,365,503	119,728,860	23.51	30.25	22.19	0	3,363,947	706,877	2,657,071
Sac	361,136,617	84,157,051	276,979,566	17.33	22.33	15.81	0	6,258,115	1,878,832	4,379,283
Scott	2,291,721,445	2,014,311,483	277,409,962	22.53	22.48	22.93	0	51,639,470	45,277,827	6,361,643
Shelby	329,640,217	73,916,285	255,723,932	21.62	27.52	19.91	0	7,126,240	2,034,492	5,091,748
Sioux	568,865,148	185,370,540	383,494,608	19.49	24.74	16.96	0	11,089,778	4,586,837	6,502,941
Story	898,636,727	562,031,882	336,604,845	25.31	28.30	20.32	0	22,741,848	15,903,264	6,838,584
Tama	460,453,814	120,760,637	339,693,177	19.50	25.02	17.54	0	8,980,513	3,021,597	5,958,916
Taylor	160,797,527	31,013,051	129,784,476	21.92	26.96	20.71	0	3,524,147	836,194	2,687,953
Union	201,960,303	83,226,300	118,734,003	27.74	33.28	23.85	0	5,601,797	2,769,559	2,832,238
Van Buren	151,827,910	20,942,685	130,885,225	22.09	26.49	21.39	0	3,354,006	554,808	2,799,198
Wapello	433,133,893	255,261,307	177,872,586	32.79	38.55	24.53	0	14,204,190	9,840,462	4,363,728
Warren	433,036,079	183,368,655	249,667,424	25.30	26.71	24.25	0	10,953,774	4,898,456	6,055,318
Washington	419,879,091	128,762,476	291,116,615	19.80	22.99	18.39	0	8,314,952	2,960,358	5,354,594
Wayne	165,613,786	26,673,822	138,939,964	19.24	26.40	17.87	0	3,186,834	704,088	2,482,746
Webster	836,992,463	376,715,244	469,277,219	22.67	28.08	18.44	0	18,977,664	10,324,167	8,653,497
Winnebago	303,987,669	99,116,845	204,870,824	19.42	24.51	16.96	0	5,903,209	2,429,103	3,474,106
Winneshiek	311,417,112	101,463,746	209,953,366	25.29	29.22	23.39	0	7,875,255	2,964,534	4,910,721
Woodbury	1,650,632,731	1,068,248,244	582,384,487	27.03	32.37	17.25	161,691	44,623,394	34,580,046	10,043,348
Worth	243,996,649	43,121,894	200,874,755	19.78	25.29	18.60	0	4,826,872	1,090,502	3,736,370
Wright	472,493,189	121,608,730	350,884,459	18.63	25.29	16.33	0	8,803,802	3,075,076	5,728,725
TOTAL	$50,766,655,185	$24,368,138,893	$26,398,516,292	$23.84	$29.05	$19.04	$161,691	$1,210,525,794	$707,886,934	$502,638,860

[1]Figures may not add to totals due to rounding.
Source: Iowa Department of Revenue, Property Tax Division.

Iowa retail trade, 1977

SIC Code	Kind of business	All Establishments					Establishments with Payroll					
		Number		Sales[1]		Percent Change 1972-77	Sales[1]		Percent Change 1972-77	Payroll entire year		Percent Change 1972-77
		1977	1972	1977	1972		1977	1972		1977	1972	
	Retail trade[2]	28,737	28,468	9,832,778	5,847,407	68.2	9,520,876	5,651,092	68.5	1,107,386	665,770	66.3
52	Building materials, hardware, garden supply and mobile home dealers	2,184	2,202	800,342	398,255	101.0	777,962	381,080	104.1	93,553	45,556	105.4
521	Lumber and other building materials dealers	788	NA	528,727	NA	NA	522,610	237,932	119.6	62,738	29,423	113.2
525	Hardware stores	788	826	143,043	83,764	70.8	132,304	74,966	76.5	16,406	8,381	95.8
53	General merchandise group stores	921	993	1,163,706	749,796	55.2	1,157,108	744,812	55.4	156,007	107,074	45.7
531	Department stores[3]	155	123	911,279	521,141	74.9	911,279	521,141	74.9	126,035	79,413	58.7
533	Variety stores	300	391	90,577	83,001	9.1	89,350	81,650	9.4	12,137	11,988	1.2
539	Miscellaneous general merchandise stores	466	479	161,850	145,654	11.1	156,479	142,021	10.2	17,835	15,673	13.8
54	Food stores	2,529	2,996	1,969,492	1,234,543	59.5	1,937,120	1,208,586	60.3	181,634	105,383	72.4
541	Grocery stories	1,818	2,156	1,889,452	1,169,928	61.5	1,866,383	1,151,396	62.1	169,254	96,645	75.1
542	Meat and fish (seafood) markets, including freezer provisions	181	229	36,046	31,163	15.7	32,159	28,686	12.1	4,749	3,336	42.4
546	Retail bakeries	211	230	18,261	13,553	34.7	17,477	12,771	36.8	4,946	3,457	43.1
55 ex. 554	Automotive dealers	2,159	1,971	2,230,804	1,216,838	81.1	2,201,587	1,216,835	80.9	183,843	110,323	66.6
551	Motor vehicle dealers, new and used cars	818	853	1,861,967	1,032,544	80.3	1,861,967	1,031,438	80.5	146,678	90,182	62.6
552	Motor vehicle dealers, used cars only	304	380	62,312	35,206	77.0	49,702	29,361	69.3	3,423	2,042	67.6
554	Gasoline service stations	3,424	4,484	954,077	593,127	60.9	892,689	557,093	60.2	67,406	51,572	30.7
56	Apparel and accessory stories	2,009	1,750	407,632	272,181	49.8	397,463	264,477	50.3	56,047	36,279	54.5
561	Men's and boys' clothing and furnishings stores	429	417	107,547	79,253	35.7	105,748	78,073	35.4	16,400	10,938	49.9
562	Women's ready to wear stores	630	516	130,281	80,355	62.1	128,323	78,617	63.2	17,354	10,947	58.5
565	Family clothing stores	244	223	78,738	48,149	63.5	77,586	46,612	66.5	9,530	5,750	65.7
566	Shoe stores	428	395	67,687	50,043	35.3	65,882	47,988	37.3	9,901	6,715	47.4
57	Furniture, home furnishings and equipment	2,311	1,983	450,162	266,260	69.1	422,580	252,139	67.6	62,019	36,692	69.0
571	Furniture and home furnishings stores	1,111	890	259,731	150,052	73.1	247,427	144,073	71.7	35,822	21,014	70.5
572	Household appliance stores	401	457	77,653	46,787	66.0	72,842	43,322	68.1	11,318	6,075	86.3
573	Radio, television and music stores	799	636	112,778	69,421	62.5	102,311	64,744	58.0	14,879	9,603	54.9
58	Eating and drinking places	6,193	6,277	806,416	450,670	78.9	774,473	423,773	82.8	182,875	91,259	96.1
5812	Eating places	4,900	4,051	642,167	336,027	91.1	629,452	325,166	93.6	158,557	79,222	100.1
5813	Drinking places (alcoholic beverages)	2,193	2,226	164,229	114,643	43.3	145,021	98,607	47.1	24,318	14,037	73.2
591	Drug and propriety stores	708	778	275,047	192,125	43.2	273,457	189,511	44.3	36,811	26,458	39.1
59 ex. 591	Miscellaneous retail stores[4]	6,299	5,034	755,104	458,688	69.0	686,437	412,783	66.3	87,191	53,174	64.0
592	Liquor stores	315	285	114,167	92,282	23.7	112,030	91,651	22.2	6,965	4,163	67.3
5942	Book stores	169	103	20,895	11,493	81.8	19,199	10,687	79.6	2,617	1,471	77.9
5943	Stationery stores	52	78	8,369	7,426	12.7	8,123	7,262	11.9	1,387	1,202	15.4
5944	Jewelry stores	408	363	61,957	32,466	90.8	58,511	29,892	95.7	9,767	4,786	104.1
5947	Gift, novelty and souvenir shops	410	343	26,905	10,197	163.9	24,267	7,992	203.6	3,244	1,185	173.8
5992	Florists	399	336	34,802	21,032	65.5	32,632	19,639	66.2	6,677	4,183	59.6

[1]Includes sales taxes and finance charges in 1972 but not in 1977.
[2]Excludes nonemployer direct sellers.
[3]Includes sales from catalog order desks.
NA Not available
Source: Census of Retail Trade, U.S. Dept. of Commerce, Social and Economic Statistics Administration issued August, 1979.

taxable retail sales by county
(thousands)

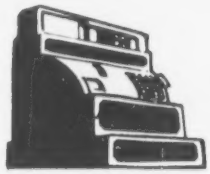
	1975[1]	1976[1]	1977[1]	1978[1]	1979[1]	1980[1]
Adair	$ 24,068	$ 24,629	$ 29,459	$ 29,434	$ 34,662	$ 39,320
Adams	11,366	11,687	13,069	13,775	15,976	17,514
Allamakee	32,141	33,376	38,933	41,514	47,793	52,675
Appanoose	35,265	37,480	40,515	44,267	51,052	55,779
Audubon	19,642	20,282	23,385	26,776	27,572	32,742
Benton	46,093	48,360	54,165	57,781	66,588	76,492
Black Hawk	417,605	435,270	488,563	560,680	598,904	658,746
Boone	60,394	62,297	69,653	70,673	79,870	86,329
Bremer	57,835	60,683	68,838	75,310	81,560	90,122
Buchanan	41,126	42,705	50,110	54,918	62,115	69,317
Buena Vista	63,471	68,426	75,181	83,840	95,727	108,572
Butler	35,882	39,070	45,138	43,632	49,333	52,050
Calhoun	33,158	34,184	36,594	38,499	45,290	50 962
Carroll	70,011	74,774	83,143	89,758	106,168	117,779
Cass	52,014	53,675	61,775	65,890	76,445	82,205
Cedar	38,348	41,602	47,683	53,237	58,045	62,210
Cerro Gordo	166,629	171,955	194,141	209,957	231,515	244,267
Cherokee	41,031	44,148	49,746	53,739	61,608	85,051
Chickasaw	34,973	36,005	41,319	46,762	52,713	57,881
Clarke	18,549	19,813	24,229	26,062	32,357	34,502
Clay	73,777	80,538	86,759	92,963	105,445	116,553
Clayton	40,597	43,398	49,371	54,532	63,849	74,339
Clinton	146,616	150,603	166,085	182,322	203,943	222,242
Crawford	39,698	41,623	46,803	51,350	60,242	69,011
Dallas	64,721	64,694	77,807	78,783	91,428	99,692
Davis	14,688	14,552	17,667	18,327	21,701	25,007
Decatur	14,287	14,034	15,974	17,382	20,332	21,056
Delaware	37,004	40,359	45,113	49,421	57,645	63,985
Des Moines	132,279	135,787	155,192	177,350	192,748	215,639
Dickinson	43,580	45,759	54,770	59,821	65,431	69,620
Dubuque	261,201	274,041	303,949	20,311	389,423	422,979
Emmet	40,063	40,987	43,863	46,998	52,490	57,358
Fayette	64,637	68,722	79,003	84,654	94,051	104,586
Floyd	47,831	49,571	55,378	61,305	67,802	73,091
Franklin	36,873	38,259	42,099	49,818	55,184	58,565
Fremont	14,662	15,317	18,198	17,480	21,029	24,176
Greene	31,115	32,606	36,125	36,139	43,964	50,659
Grundy	33,662	35,708	39,540	38,279	43,350	47,933
Guthrie	22,203	21,912	25,217	27,931	32,833	37,298
Hamilton	49,468	53,820	55,692	59,144	67,737	74,909
Hancock	34,241	36,507	41,375	43,088	51,087	56,077
Hardin	69,586	73,215	83,973	84,221	100,762	109,944
Harrison	30,268	31,337	34,435	35,869	44,640	49,710
Henry	48,517	51,974	60,881	64,648	69,837	76,243
Howard	25,372	25,387	29,687	32,696	38,183	42,129
Humboldt	36,429	37,130	39,839	41,294	46,996	53,193
Ida	22,943	24,928	25,593	28,513	33,618	36,166
Iowa	45,205	47,585	53,655	57,212	67,374	71,150
Jackson	42,155	42,006	49,763	54,803	63,979	70,291
Jasper	88,171	91,447	104,212	110,458	129,368	142,569
Jefferson	39,012	39,161	45,354	48,974	54,132	60,702

taxable retail sales by county (continued)
(thousands)

	1975[1]	1976[1]	1977[1]	1978[1]	1979[1]	1980[1]
Johnson	$ 193,175	$ 205,262	$ 240,715	$ 268,595	$ 289,911	$ 312,659
Jones	44,116	49,073	55,509	60,263	69,347	78,123
Keokuk	25,049	26,303	32,003	33,841	38,876	41,745
Kossuth	65,651	72,090	78,401	82,343	96,509	109,440
Lee	106,747	113,631	133,718	148,802	165,807	178,256
Linn	547,697	588,899	656,240	728,817	826,831	946,043
Louisa	18,677	18,765	21,573	23,153	25,213	29,453
Lucas	22,446	22,384	23,873	25,901	29,537	33,718
Lyon	23,484	24,657	28,151	30,994	37,621	41,048
Madison	21,365	20,762	25,119	26,710	30,747	33,406
Mahaska	63,302	64,098	74,528	80,033	94,507	100,306
Marion	69,132	69,833	76,452	78,931	91,856	101,191
Marshall	127,730	134,250	145,994	156,431	172,364	179,748
Mills	17,865	18,107	21,246	24,137	28,510	31,897
Mitchell	28,345	28,543	31,924	34,376	41,375	45,004
Monona	30,513	33,516	36,665	38,987	44,727	48,390
Monroe	15,977	16,928	18,801	20,321	23,891	26,436
Montgomery	38,634	39,004	44,074	44,711	50,628	57,157
Muscatine	101,020	107,509	122,276	132,349	147,897	158,679
O'Brien	42,270	46,084	49,528	57,692	64,543	71,512
Osceola	18,654	19,012	20,700	24,402	28,829	30,335
Page	55,357	58,008	67,461	69,122	77,812	85,983
Palo Alto	28,963	30,277	33,378	36,020	41,048	44,314
Plymouth	52,544	58,405	58,951	64,906	74,817	82,242
Pocahontas	31,092	31,207	34,023	34,924	40,477	44,047
Polk	1,261,211	1,320,626	1,474,086	1,639,611	1,819,133	2,020,684
Pottawattamie	159,474	170,560	205,981	226,951	259,504	282,253
Poweshiek	48,292	50,107	55,902	61,149	70,230	78,112
Ringgold	11,024	11,095	14,083	14,124	17,980	19,804
Sac	38,217	39,933	42,598	45,432	51,908	56,080
Scott	493,954	508,681	575,987	664,377	738,275	807,558
Shelby	35,610	36,194	40,058	42,135	52,400	59,447
Sioux	67,751	76,382	82,006	90,761	110,306	122,809
Story	161,680	169,513	199,425	214,753	244,784	265,745
Tama	48,266	45,826	52,362	54,906	63,276	73,328
Taylor	13,771	13,356	16,052	17,500	20,307	21,979
Union	35,240	34,768	41,694	45,619	50,963	57,760
Van Buren	12,082	12,338	13,814	14,7[illegible]4	17,156	19,059
Wapello	102,421	105,032	118,266	123,840	137,808	152,253
Warren	40,117	41,546	48,330	52,767	62,639	67,243
Washington	56,284	62,343	70,675	74,461	82,222	88,183
Wayne	14,281	13,504	15,683	16,771	20,26[illegible]	23,071
Webster	165,329	174,811	191,540	208,577	227,55[illegible]	254,231
Winnebago	32,891	33,304	38,918	40,702	45,44[illegible]	48,483
Winneshiek	41,921	43,176	48,925	55,717	64,565	71,450
Woodbury	350,143	379,391	428,305	446,327	489,381	506,609
Worth	18,464	18,287	20,480	21,425	26,177	28,614
Wright	51,280	55,718	59,698	63,555	71,445	74,329
State	$8,040,975	$8,608,073	$9,695,572	10,599,259	$11,937,333	$13,112,407

[1]For 12 months beginning April 1 and ending March 31.
Source: Retail Sales and Use Tax Report, Annual Report Iowa Department of Revenue.

taxable retail sales by product class[1], Iowa (thousands)



	1974[2]	1975[2]	1976[2]	1977[2]	1978[2]	1979[2]	1980[2]
Food Dealers	$1,469,871	$ 694,125	$ 395,478	$ 442,941	$ 479,186	$ 521,913	$ 566,982
Eating and Drinking	378,993	436,612	638,437	725,120	790,873	885,818	983,575
Apparel	243,721	256,288	280,858	314,885	341,140	369,730	401,451
General Merchandise	N/A	N/A	929,941	1,016,941	1,148,175	1,220,533	1,305,139
Speciality retail	N/A	N/A	638,963	741,756	819,616	902,409	1,010,016
Home Furnishing	251,061	284,678	346,303	395,395	435,240	469,590	511,106
Motor Vehicle	N/A	N/A	599,198	651,815	40,184	779,410	856,845
Filling Stations	279,061	304,410	284,837	305,940	322,104	343,920	391,397
Auto Dealers & Garage	219,407	242,218	283,292	311,159	335,992	386,231	210,925
Building Materials	N/A	N/A	624,955	733,556	835,013	929,834	991,200
Wholesale goods	N/A	N/A	1,388,395	1,563,132	1,690,053	2,071,233	2,344,808
Services	479,402	546,815	860,013	953,322	1,048,011	1,176,384	1,304,607
Utilities & Trans.	N/A	N/A	1,009,741	1,175,982	1,309,175	1,486,445	1,622,413
Miscellaneous	N/A	N/A	724,206	790,336	990,435	890,004	966,462
Total	$8,022,274	$8,040,975	$8,608,073	$9,695,572	$10,599,259	$11,937,333	$13,112,407

[1]Beginning July 1, 1974, food and drugs were exempt from sales tax. The exemption does not apply to food sold as part of a meal.
[2]For the 12 months beginning April 1 and ending March 31.
Source: Retail Sales and Use Tax Annual Report, Iowa Department of Revenue.

Iowa wholesale trade, 1977

SIC Code	Kind of business	Establishments 1972	Establishments 1977	Sales (000's) 1972	Sales (000's) 1977	Payroll entire year (000's) 1972	Payroll entire year (000's) 1977	Percent change 1972 to 1977 Sales[3]	Percent change 1972 to 1977 Payroll entire year
	Wholesale trade[1]	8,204	7,646	9,969,239	20,078,789	491,445	825,097	101.4	67.9
501	Motor vehicles, automotive parts and supplies	583	647	655,371	1,223,713	40,420	66,302	86.7	64.0
502	Furniture and home furnishings	50	64	64,378	86,129	7,707	10,593	33.8	37.4
503	Lumber and other construction materials	188	185	234,701	447,941	9,579	34,297	90.9	75.2
504	Sporting, recreational, photographic, and hobby goods, toys, and supplies	67	67	55,249	94,251	6,626	7,085	70.6	6.9
505	Metals and minerals, except petroleum	53	66	236,012	283,196	5,863	11,041	20.0	88.3
506	Electrical goods	239	280	324,180	530,144	19,769	35,315	63.5	78.6
507	Hardware, plumbing, heating (equipment and supplies)	268	240	165,242	283,366	18,978	31,060	71.5	63.7
508	Machinery, equipment and supplies	1,550	1,678	1,142,319	2,575,283	115,605	220,477	125.4	90.7
511	Paper and paper products	109	113	80,744	150,785	9,185	16,866	86.7	83.6
512	Drugs and drug proprietaries and drug sundries	39	25	56,974	56,916	4,353	3,575	-0.1	-17.9
513	Apparel, piece goods and notions	29	27	26,003	19,022	2,285	1,362	-26.8	-40.4
514	Groceries and related products	468	422	1,523,803	2,532,984	59,448	89,192	66.2	50.0
515	Farm products and raw materials	1,283	1,334	3,386,326	7,498,061	56,312	107,942	121.4	91.7
516	Chemicals and allied products	55	70	36,445	88,654	3,396	7,060	143.3	107.9
517	Petroleum and petroleum products	1,339	717	582,590	1,145,326	33,531	38,774	96.6	15.6
518	Beer, wines and distilled alcoholic beverages	110	113	92,162	157,124	8,057	13,799	70.5	71.3

Note: Percentages are based upon current dollars for both 1972 and 1977 with no adjustment for price increases.
[1]Including merchant wholesalers, manufacturers' sales, branches and offices, and agents, brokers and commission merchants.
[2]Sales taxes and finance charges were included in 1972 but not in 1977.
[3]Including 509 and 519; therefore, detail will not add to total.
Source: Census of Wholesale Trade, U.S. Department of Commerce, Business Division, issued October, 1979.

services

communications media in Iowa

	1960	1965	1970	1976	1977	1978	1979
Telephones in use[1]							
Business	243,406	284,000	381,747	487,666	521,531	518,470	541,869
Residential	892,627	1,044,000	1,242,500	1,576,075	1,622,821	1,663,311	1,690,656
Total	1,136,033	1,328,000	1,624,247	2,063,741	2,144,352	2,181,781	2,232,525
Telephones per 100 population	41.2	48.1	57.5	73.1	74.7	74.5	76.75
Households with telephone service (%)	88	95	96	98	98	98	98[e]
Newspapers[2]							
Daily—Number	45	43	43	41	40	40	40
Net paid circulation	944,000	969,000	1,000,000	895,000	901,000	639,753	638,203
Morning—Number	4	4	5	4	4	4	4
Net paid circulation	289,000	301,000	331,000	319,000	325,000	342,754	352,068
Evening—Number	42	41	40	38	37	38	38
Net paid circulation	655,000	668,000	669,000	576,000	576,000	632,795	634,878
Sunday—Number	9	9	9	9	9	9	9
Net paid circulation	831,000	857,000	845,000	754,000	767,000	764,835	757,231
Weeklies—Number	368	356	346	336	376[3]	342	339
Net paid circulation	649,832	674,739	688,389	767,178	770,778	792,837	780,663
Commercial broadcast[3]							
Stations—Total	80	94	120	152	161	168	189
Radio—Total	68	82	108	138	147	153	174
A.M.	61	68	73	74	76	78	85
F.M.	7	14	35	64	71	75	89
Television	12	12	12	14	14	15	15
Satellite T.V. Stations							7

Non-Commercial broadcast[3]	
Stations—Total	13
Radio—Total	12
AM	4
FM	8
Television	1

Cable T.V. Operating in Iowa[4]	
Systems	60[e]
Subscription	125,000[e]

[e](estimated)
[1]Iowa Commerce Commission.
[2]Iowa Press Association.
[3]Iowa Broadcasters Association Directory (July 1, 1979-June 30, 1980).
[4]Iowa Cable T.V. Association.

housings units - midwest states, 1970

	Illinois	Iowa	Kansas	Minnesota	Missouri	Nebraska	South Dakota	Wisconsin
All Housing Units	3,703,367	964,060	789,196	1,276,198	1,673,361	515,069	225,253	1,472,466
Vacant-Seasonal and Migratory	10,452	9,259	1,774	57,498	9,238	3,178	3,533	58,361
All Year-Round Housing Units	3,692,915	954,801	787,422	1,218,700	1,664,123	511,891	221,720	1,414,105
Percent in One-Unit Structure	59.5	82.0	81.9	73.5	73.8	79.7	80.4	70.7
Population								
Population in Housing Units, 1970	10,830,183	2,733,699	2,160,877	3,692,374	4,538,217	1,431,184	637,741	4,283,702
Per Occupied Unit	3.1	3.0	3.0	3.2	3.0	3.0	3.2	3.2
Owner	3.3	3.1	3.0	3.5	3.1	3.1	3.3	3.5
Renter	2.7	2.8	2.8	2.5	2.7	2.8	3.0	2.7
Population in Housing Units, 1960	9,819,235	2,687,341	2,114,424	3,325,196	4,202,858	1,371,828	660,184	3,854,086
Per Occupied Unit	3.2	3.2	3.1	3.4	3.1	3.2	3.4	3.4
All Occupied Units	3,502,138	896,311	727,364	1,153,946	1,520,567	473,721	200,807	1,328,804
Owner Occupied	2,081,101	642,676	502,585	824,629	1,021,106	314,600	139,681	918,123
Percent of all Occupied	59.4	71.7	69.1	71.5	67.2	66.4	69.6	69.1
Owner-Median Value	$19,800	$13,900	$12,100	$18,000	$14,400	$12,400	$11,400	$17,300
Renter-Median Rent	$ 107	$ 77	$ 75	$ 101	$ 74	$ 77	$ 69	$ 91

Source: "1970 General Housing Characteristics," Dec. 1971, U.S. Department of Commerce, Bureau of the Census.

new residential construction, midwest states authorized permit issuing places

	1970		1975		1977		1978		1979	
	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)
United States	1,384,028	$19,663,561	949,234	$24,107,069	1,692,082	$50,071,124	1,801,514	$58,537,794	1,552,920	$56,372,491
Iowa	11,074	158,881	14,706	331,981	20,591	593,788	17,161	554,402	13,345	466,353
Minnesota	25,465	409,760	19,162	547,831	38,337	1,290,325	37,823	1,438,768	29,365	1,229,581
South Dakota	2,440	29,493	3,103	66,283	5,983	140,960	5,289	154,367	3,914	120,262
Nebraska	8,014	89,667	7,927	163,970	11,322	287,043	10,937	289,575	8,785	277,221
Kansas	9,906	149,634	12,106	323,686	17,524	582,695	15,856	578,040	13,292	519,606
Missouri	23,344	326,392	16,135	401,616	28,081	758,909	29,065	895,888	19,384	656,708
Illinois	54,204	907,026	39,325	1,084,862	75,374	2,485,816	72,163	2,735,781	45,807	1,853,075
Wisconsin	23,175	332,951	26,002	635,564	41,296	1,226,778	37,651	1,302,691	26,524	980,531

Source: "Construction Reports — Housing Authorized by Building Permits and Public Contracts," U.S. Department of Commerce, Bureau of the Census.

number and valuation of permits issued for new dwellings

City	1975		1978		1979		10 months 1980	
	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)
Ames	256	$ 5,062.8	196	$ 11,129.4	137	$ 7,412.0	50	$ 4,311.6
Bettendorf	299	9,949.5	262	12,482.0	138	7,252.6	58	5,863.2
Burlington	65	2,350.7	88	4,833.4	41	2,323.9	27	1,876.2
Cedar Falls	174	8,476.3	141	8,578.6	105	6,059.3	60	4,972.3
Cedar Rapids	455	12,470.2	537	24,417.2	456	22,207.9	127	5,245.9
Clinton	45	1,837	60	4,363.1	52	4,673.4	44	3,127.5
Council Bluffs	51	871.4	124	3,425.3	156	3,224.3	54	1,759.9
Davenport	433	12,815.2	487	23,792.2	414	20,527.0	177	11,037.4
Des Moines	259	16,737.5	490	29,287.3	327	19,294.1	410	15,409.6
Dubuque	244	7,089.5	179	9,066.1	196	13,059.0	70	3,705.6
Ft. Dodge	72	2,018.5	98	4,301.5	45	2,339.5	34	3,888.0
Iowa City	232	10,381.8	215	12,384.7	157	11,713.8	74	8,576.1
Keokuk	7	193.0	36	1,059.3	24	841.5	56	3,578.9
Marion	90	2,481.0	165	6,032.9	195	10,884.2	95	4,933.4
Marshalltown	166	3,400.0	81	3,435.0	22	1,056.0	17	1,050.0
Mason City	53	2,493.8	99	5,322.2	61	4,080.4	41	6,372.9
Muscatine	72	3,749.8	66	3,277.9	62	3,850.1	39	6,898.0
Newton	26	869.7	68	3,662.5	39	3,040.9	20	3,760.0
Ottumwa	37	1,144.8	73	3,085.0	63	3,380.0	39	4,430.7
Sioux City	502	8,954.5	149	6,057.7	85	6,523.4	56	1,413.2
Urbandale	NA	NA	NA	NA	222	13,609.7	111	7,520.7
Waterloo	269	9,906.7	261	12,720.3	229	14,618.3	220	11,973.9
West Des Moines	115	6,091.5	158	8,089.8	112	11,241.6	60	4,549.5
TOTAL	3,922	$129,345.2	4,033	$200,803.4	3,338	$193,212.9	1,939	$126,254.5

Source: Resource Division, Iowa Development Commission.

value of new construction, Iowa
(thousands)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yearly Totals
1979	$73,236	$53,183	$147,467	$147,606	$287,279	$214,837	$158,720	$176,380	$158,786	$193,241	$106,364	$663,684	$2,387,317
1978	59,801	76,899	414,733	161,298	316,356	238,580	205,105	174,592	173,965	182,131	139,023	75,598	2,219,229
1977	48,693	55,174	133,417	131,420	168,807	149,278	167,181	161,213	124,248	145,207	127,728	95,655	1,509,082
1976	41,998	57,711	100,085	106,509	120,457	125,122	185,863	127,528	129,654	125,533	215,298	93,663	1,425,785
1975	35,490	38,213	57,082	94,270	124,380	364,167	105,512	95,145	107,006	112,444	63,153	54,608	1,252,180
1974	49,598	54,448	88,233	93,399	102,662	172,485	107,825	114,415	68,172	73,833	88,572	62,340	1,077,942
1973	51,846	62,270	91,605	125,857	124,994	113,002	130,890	77,406	103,626	86,231	90,095	53,441	1,111,263
1970	37,895	62,098	43,835	48,426	74,185	84,441	92,815	67,216	55,985	59,911	41,753	41,039	709,679

Source: F. W. Dodge Division, McGraw-Hill Information Systems Company. Proprietary Data provided by special permission.

new residential construction, SMSA's

	1973		1975		1977		1978		1979	
Iowa SMSA's	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)
Cedar Rapids	1,158	$17,483	1,318	$22,636	1,755	$ 37,922	1,713	$ 44,512	1,755	$45,435
Davenport	2,923	46,342	2,487	54,780	3,449	103,762	2,949	93,204	2,426	87,442
Des Moines	2,013	41,219	2,353	62,369	3,961	118,223	3,184	104,192	2,488	84,353
Dubuque	339	5,422	434	8,794	388	12,871	460	16,559	530	20,088
Iowa City	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	582	23,578
Omaha-Council Bluffs	5,207	58,073	2,711	42,061	3,879	85,303	3,765	84,436	3,125	71,931
Sioux City	358	6,612	927	16,862	746	18,784	512	15,809	372	12,717
Waterloo	354	4,893	1,114	23,071	1,353	40,215	930	26,424	782	23,928

Source: "Construction Reports—Housing Authorized by Building Permits and Public Contracts," U.S. Department of Commerce, Bureau of the Census.

Iowa's construction industry, 1972
(dollars in thousands)

Industry Group and Industry	Total Number of Establishments	All Employees (Average)	Total Payroll	Total Receipts	Value Added	Total Capital Expenditures Other than Land	Rental Payments for Machinery and Equipment
Construction Industries, Total	6,380	41,581	385,428	1,449,105	669,249	53,602	12,521
Contract Construction Industries:							
General Building Contractors	1,901	13,521	110,764	575,707	192,462	8,070	1,587
Heavy Construction Contractors:							
Highway & Street Construction	188	4,272	41,406	190,236	74,787	17,467	4,133
Heavy Construction, N.E.C.	286	1,742	14,299	59,815	36,385	5,046	242
Special Trade Contractors:							
Plumbing, Heating, Air Conditioning	846	5,399	52,687	180,536	93,573	2,694	463
Painting, Paper Hanging, Decorating	395	1,073	8,143	19,320	15,039	610	90
Electrical Work	518	3,152	31,418	89,478	48,698	1,791	382
Masonry, Stonework, and Plastering:							
Masonry and Other Stonework	201	1,211	10,399	24,160	16,007	753	139
Plastering, Drywall, Insulation	130	867	9,185	25,231	16,127	264	62
Terrazzo, Tile, Marble, Mosaic Work	29	129	849	(D)	(D)	(D)	(S)
Carpentering and Flooring:							
Carpentering	429	1,512	8,747	(D)	(D)	326	(D)
Floor Laying and Floor Work, N.E.C.	114	225	1,298	8,316	4,583	53	—
Roofing and Sheet Metal Work	280	1,939	17,235	46,474	27,527	633	211
Concrete Work	253	1,336	10,652	37,075	21,060	2,026	282
Miscellaneous Special Trade Contractors:							
Structural Steel Erection	22	215	1,475	3,014	2,407	170	70
Excavating and Foundation Work	306	1,133	8,956	29,790	21,609	5,105	1,451
Wrecking and Demolition Work	11	76	517	1,270	1,066	183	45
Installing Building Equipment, N.E.C.	26	131	1,162	(D)	3,091	39	(D)
Special Trade Contractors, N.E.C.	114	(D)	(D)	11,604	7,293	305	43
Subdividers and Developers and Operative Builders:							
Subdividers and Developers, N.E.C.	33	357	3,177	11,754	3,726[1]	1,423	(D)

Standard Notes: (D) Withheld to avoid disclosing figures for individual companies. All such figures are included in higher-level totals.
(S) Withheld because estimate did not meet publication standards either on the basis of the associated standard error or on the basis of a consistency review.

N.E.C.—Not elsewhere classified

[1]The "Value added" computation for these industries is "Total receipts" less "Land receipts" less "Total selected payments."
Source: 1972 Census of Construction Industries, U.S. Department of Commerce, Bureau of the Census, issued July, 1975

Iowa kids stay in school

Enrollment

Grade	1970-71	1972-73	1973-74	1974-75	1975-76	1976-77	1978-79[1]	1979-1980
Kindergarten	50,219	45,803	44,185	44,225	45,790	44,920	39,631	40,572
First	49,890	42,717	41,593	40,211	40,890	42,375	42,799	39,608
Second	49,547	43,940	40,880	39,725	39,051	39,873	44,641	41,210
Third	50,510	46,716	43,292	40,095	39,461	38,710	45,461	44,200
Fourth	51,264	48,604	46,510	43,402	40,635	39,903	44,030	45,236
Fifth	50,314	49,880	47,771	46,072	43,225	40,807	43,009	43,742
Sixth	49,762	50,586	49,322	47,999	46,410	44,027	44,234	42,970
Ungraded Elem.	6,205	8,350	8,197	7,387	6,566	5,013	3,341	2,473
Total K-6	357,711	336,596	321,750	309,116	302,028	295,785	307,146	300,011
Seventh	48,918	52,364	52,335	51,080	49,570	47,742	46,105	44,606
Eighth	49,737	51,598	51,628	51,978	50,961	49,646	48,798	45,686
Ninth	50,725	49,823	52,307	52,447	53,099	51,780	52,268	48,683
Ungraded Jr. High	*	409	453	448	242	333	304	434
Total 7-9	149,380	154,194	156,722	155,953	153,872	146,313	147,475	139,409
Tenth	49,961	49,420	48,612	51,091	51,612	51,926	52,988	50,479
Eleventh	47,817	47,766	47,678	46,106	49,085	49,114	51,983	50,243
Twelfth	44,744	45,437	45,209	44,286	43,569	46,044	50,117	48,984
Ungraded Sr. High	190	1,489	174	173	262	356	1,108	1,270
Total 10-12	142,712	144,112	141,673	141,656	144,528	150,060	156,196	150,976
Special Education	9,766	11,043	10,577	10,355	10,410	11,027	10,918	10,469
Post H.S.	7	2	*					
Grand Total	659,576	645,947	630,722	617,080	610,838	603,596	621,735	600,865

[1]Data includes approved Public and Private schools in Iowa.
Source: Iowa Department of Public Instruction.

Iowans place a premium on education

Iowa has the nation's highest literacy rate because it has one of the nation's best school sytems. Traditionally, Iowa's 451 public school districts have been in the forefront of new trends in school financing, teaching methods, administration and curriculum. This attitude is supported by the 276 parochial and private schools.

Iowa has three state universities, 38 private ones, and 15 area vocational schools and area community schools.

The University of Iowa, Iowa City, has 25,100 enrollees. Its University Hospital facility is one of the nation's finest medical and educational institutions, often compared to the Mayo Clinic. The campus boasts the charming, "Old Capitol," well preserved seat of Iowa's first formal government.

Iowa State University, Ames, has 24,268 students in eight major fields: Agriculture, Agricultural Engineering, Home Economics, Science and Humanities, Veterinary Medicine, Education, Engineering and graduate studies. The university pioneered some of the advances in nuclear energy research and is a major developer of uses for agricultural products. The university also maintains an extension service that works closely with Iowans and their communities on a wide variety of social and economic projects.

The University of Northern Iowa, Cedar Falls, has 11,020 students. Originally a state teachers college, it now attracts students in a variety of fields, including business, in addition to teacher education. At the doctoral level it offers the Doctor of Industrial Technology, the only degree of its kind in the nation. A feature of its attractive campus is the UNI-Dome, a multi-purpose arena for sports and other events.

dropping out is not "in" among Iowa's students

Twelfth grade enrollment as a percentage of ninth grade for Iowa.

School year	%	School year	%
1965-66	90.0	1972-73	90.9
1966-67	91.5	1973-74	89.1
1967-68	92.1	1974-75	87.1
1968-69	93.0	1975-76	87.4
1969-70	93.0	1976-77	88.0
1970-71	91.8	1978-79	94.4
1971-72	90.6	1979-80	94.6

Source: Research Division, Iowa Development Commission.

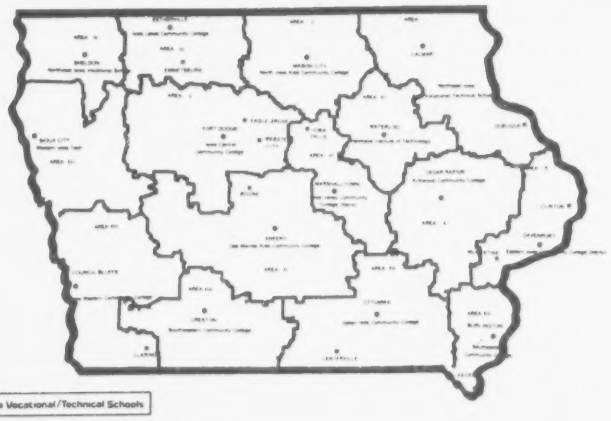
many Iowans go on to higher learning

Total Enrollment

Type of Institution	Fall 1960	Fall 1965	Fall 1970	Fall 1975	Fall 1977	Fall 1978	Fall 1979	Fall 1980
State Universities	24,451	36,770	49,291	53,004	55,911	56,497	57,217	60,388
Private Colleges and Universities	24,282	35,838	35,473	32,883	33,890	35,935	36,662	37,252
Professional & Technical Colleges	283	308	1,503	2,725	2,354	2,326	2,380	2,420
Public Junior Colleges & Area Schools	3,148	9,238	20,518	29,832	30,453	31,821	31,754	35,483
Private Junior Colleges	1,915	2,794	3,520	3,040	3,334	4,075	3,897	4,030
All INSTITUTIONS	54,079	84,948	110,305	121,484	125,942	130,654	131,910	139,573

Source: Iowa College and University Enrollment, Iowa College Aid Commission.

area schools, an Iowa "success story"



Iowa Area Vocational/Technical Schools

Iowa's area colleges provide an exceptionally wide variety of opportunities. Programs are offered through the adult education division, career education division and college parallel division.

The growth of the area colleges has been impressive. In the 1965-66 school year, there were only 25 different occupational programs available. This number has increased to 115 different full-time preparatory career programs during the fall of the 1979-80 school year.

area college[1] enrollment in 1980 fall term shows state-wide impact

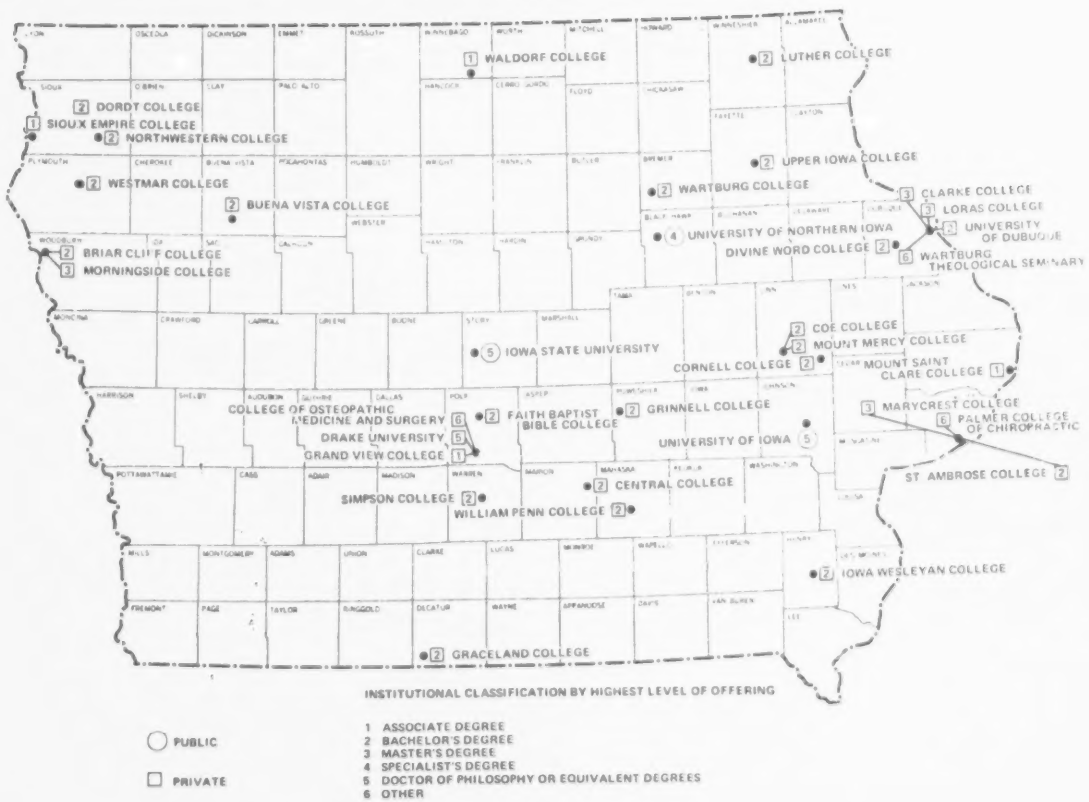
	Career Education		College Parallel		Other Programs		Agricultural Production for Veterans		Secondary School Programs		Total Enrollments	
	Fall 1979	Fall 1980	Fall 1979	Fall 1980	Fall 1979	Fall 1980	Fall 1979	Fall 1980	Fall 1979	Fall 1980	Fall 1979	Fall 1980
I. N.E. Iowa Voc-Tech School	897	987	—	—	—	—	61	39	134	160	1,092	1,186
1. Calmar												
2. Peosta												
II. North Iowa Area Community College	602	685	1,232	1,478	—	—	45	—	—	—	1,879	2,163
1. Mason City												
III. Iowa Lakes Community College	886	726	386	666	—	—	17	—	316	344	1,605	1,736
1. Emmetsburg												
2. Estherville												
IV. N.W. Iowa Technical College	426	489	—	—	—	—	—	—	9	2	435	491
1. Sheldon												
V. Iowa Central Community College	868	843	1,179	1,414	—	—	124	70	516	613	2,687	2,940
1. Eagle Grove												
2. Fort Dodge												
3. Webster City												
VI. Iowa Valley Community College	577	663	1,302	1,507	—	—	23	20	16	—	1,918	2,190
1. Iowa Falls												
2. Marshalltown												
VII. Hawkeye Institute of Technology	1,641	1,907	—	—	—	—	10	—	17	19	1,668	1,926
1. Waterloo												
IX. Eastern Iowa Community College	1,237	1,503	2,112	2,072	292	572	—	—	230	193	3,871	4,340
1. Bettendorf												
2. Clinton												
3. Davenport												
4. Muscatine												
X. Kirkwood Community College	2,174	2,260	2,528	2,726	—	—	—	—	491	417	5,193	5,403
1. Cedar Rapids												
XI. Des Moines Area Community College	2,382	2,677	3,022	3,570	—	—	76	39	274	100	5,754	6,386
1. Ankeny												
2. Boone												
3. Carroll												
XII. Western Iowa Technical College	1,268	1,323	—	—	—	357	15	—	5	—	1,288	1,680
1. Sioux City												
XIII. Iowa Western Community College	975	1,067	1,357	1,537	—	—	52	17	353	430	2,737	3,051
1. Clarinda												
2. Council Bluffs												
XIV. Southwest Community College	261	264	274	305	—	—	26	8	54	51	615	628
1. Creston												
XV. Indian Hills Community College	903	1,034	452	555	—	—	46	28	31	43	1,432	1,660
1. Centerville												
2. Ottumwa												
3. Ottumwa Heights												
XVI. Southeastern Community College	642	664	1,177	1,240	164	171	43	—	34	15	2,060	2,090
1. Burlington												
2. Keokuk												
GRAND TOTALS	15,739	17,092	15,021	17,070	456	1,100	538	221	2,480	2,387	34,234	37,870

Source: Iowa College and University Enrollment

COLLEGES AND UNIVERSITIES...

Iowa's colleges and universities have been a continuous source of both management-level personnel and industrial scientists. In addition, many employees are using the state's educational facilities to improve their value by working toward advanced degrees.

Iowa's colleges and universities



higher education in the midwest

State	1976-77 Bachelor's Degrees (Requiring 4 or 5 Years)	1976-77 First-Professional Degrees (Requiring at Least 6 Years)	1976-77 Master's Degrees	1976-77 Doctor's Degrees (Ph.D., Ed.D., 4 or 5 Years)	1977-78 Bachelor's Degrees (Requiring 4 or 5 Years)	1977-78 First-Professional Degrees (Requiring at Least 6 Years)	1977-78 Master's Degrees	1977-78 Doctor's Degrees (Ph.D., Ed.D., 4 or 5 Years)
United States	919,549	64,359	317,164	33,232	921,204	66,581	311,620	32,131
Illinois	45,027	4,103	17,923	2,061	43,451	4,643	17,423	1,874
Iowa	13,047	1,583	2,624	520	13,199	1,592	2,470	515
Kansas	11,834	616	3,542	370	11,621	660	3,645	480
Minnesota	18,163	1,412	3,509	519	18,185	1,454	3,554	501
Missouri	21,678	2,120	8,285	689	21,818	2,177	8,147	593
South Dakota	3,794	123	777	48	3,750	124	659	50
Nebraska	7,478	716	1,771	218	7,657	686	1,816	206
Wisconsin	20,803	864	5,661	765	21,347	890	5,438	757

Source: U.S. Department of Health, Education and Welfare, "Digest of Educational Statistics – 1980 Edition."

freshman enrollment in institutions of higher learning, Iowa

Type of Institution	Fall 1960	1965	1970	1975	1977	1978	1979	1980
State Institutions	5,253	7,708	8,170	8,367	9,078	9,158	9,080	9,825
Private Colleges and Universities	7,683	9,734	8,921	7,668	8,035	8,516	8,694	8,478
Professional and Technical Colleges	—	—	259	—	—	—	—	—
Area Schools	1,852	5,776	12,082	12,996	13,509	13,971	16,022	17,266
Private Junior Colleges	1,099	1,581	1,802	1,257	1,421	1,540	1,587	393
ALL INSTITUTIONS	15,887	24,799	31,234	30,288	32,043	33,185	35,383	35,962

Source: Iowa College Aid Commission.

Number of persons 25 years old and over by years of school completed, 1970

State	No School Completed	Elementary 8 Years	High School 4 Years	College 4 Years
United States	1,767,753	14,015,364	34,158,051	6,657,604
Illinois	75,188	985,378	1,944,720	363,454
Iowa	8,513	284,531	596,649	84,035
Kansas	8,110	197,614	438,583	80,766
Minnesota	14,137	386,155	687,242	131,154
Missouri	24,286	520,115	795,144	134,282
Nebraska	5,772	139,501	299,440	46,067
South Dakota	2,052	86,684	108,908	18,647
Wisconsin	20,749	441,159	811,048	134,420

Source: U.S. Department of Commerce, Bureau of the Census, Tables 156 & 157 — PC (1) — C1 U.S. Summary, 1970 Census of Population.

Estimated average salaries of all teachers in public schools

	1966-67	1970-71	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80
Iowa	$6,396	$9,103	$9,645	$9,863	$10,867	$11,570	$12,320	$13,402	$14,202	$15,150
United States	6,830	9,269	10,114	10,778	12,670	12,600	13,297	14,247	15,040	16,001

Source: National Education Association, Research Division, Iowa Department of Public Instruction.

Number of public and nonpublic Iowa high school graduates, by sex: 1976-77

Public High School Graduates			Nonpublic High School Graduates		
Total	Boys	Girls	Total	Church Related	Not Church Related
44,168	22,128	22,040	4,880	4,874	6

Estimated expenditures for Iowa public elementary and secondary education: 1977-78

(In Thousands of Dollars)

Current Expenditures			
Total Expenditures	Public Elementary and Secondary Day Schools	Capital Outlay	Interest on School Debt
$1,218,603	$1,134,381	$61,150	$19,100

Source: U.S. Department of Health, Education and Welfare, "Digest of Educational Statistics — 1980 Edition."

Iowa school enrollment 1979-80

(Primary and Secondary Education)

County Name	K-6	7-9	10-12	Special Education	Total	Non-Public Enrollment	Total Enrollment All Schools
Adair	694	342	392	—	1,428	—	1,428
Adams	408	215	265	49	937	—	937
Allamakee	1,587	908	951	50	3,496	177	3,673
Appanoose	1,445	633	729	118	2,925	105	3,030
Audubon	710	411	429	12	1,562	—	1,562
Benton	2,387	1,217	1,354	67	5,025	154	5,179
Black Hawk	11,368	5,200	5,573	445	22,586	3,855	26,441
Boone	2,122	1,001	1,164	63	4,350	249	4,599
Bremer	3,431	1,621	1,777	27	6,856	385	7,241
Buchanan	1,892	908	1,013	55	3,868	426	4,294
Buena Vista	1,619	730	939	59	3,347	375	3,722
Butler	1,693	798	858	22	3,371	—	3,371
Calhoun	1,477	713	860	20	3,070	—	3,070
Carroll	1,520	646	761	52	2,979	2,576	5,555
Cass	1,777	847	986	30	3,640	—	3,640
Cedar	1,971	1,048	1,089	31	4,139	28	4,167
Cerro Gordo	3,911	1,717	2,134	229	7,991	701	8,692
Cherokee	1,635	758	872	57	3,322	—	3,322
Chickasaw	1,428	800	890	37	3,155	236	3,391
Clarke	882	378	385	32	1,677	—	1,677
Clay	1,824	836	952	36	3,648	188	3,836
Clayton	2,093	1,020	1,217	30	4,360	223	4,583
Clinton	5,662	2,833	2,825	280	11,600	1,008	12,608
Crawford	1,816	948	1,109	45	3,918	436	4,354
Dallas	3,440	1,454	1,560	104	6,558	224	6,782
Davis	797	364	427	20	1,608	—	1,608
Decatur	910	429	410	14	1,763	—	1,763
Delaware	1,729	1,072	1,113	60	3,974	281	4,255
Des Moines	4,583	2,100	2,072	177	8,932	488	9,420
Dickinson	1,505	697	739	14	2,955	—	2,955
Dubuque	6,719	3,569	4,376	391	15,055	9,176	24,231
Emmet	1,427	640	665	45	2,777	—	2,777
Fayette	2,590	1,490	1,665	76	5,821	358	6,179
Floyd	1,867	1,065	1,141	86	4,159	257	4,416
Franklin	995	480	530	38	2,043	31	2,074
Fremont	969	400	449	2	1,820	—	1,820
Greene	1,128	599	647	45	2,419	—	2,419
Grundy	1,468	723	814	3	3,008	41	3,049
Guthrie	1,499	664	797	20	2,980	—	2,980
Hamilton	1,708	865	1,031	75	3,679	115	3,794
Hancock	1,374	615	728	9	2,726	79	2,805
Hardin	2,319	1,185	1,290	52	4,846	14	4,860
Harrison	1,762	845	935	57	3,599	57	3,656
Henry	1,916	854	922	62	3,754	—	3,754
Howard	1,141	683	775	39	2,638	320	2,958
Humboldt	1,080	569	714	42	2,405	119	2,524
Ida	772	375	420	17	1,584	—	1,584
Iowa	1,426	811	960	33	3,230	229	3,459
Jackson	2,139	1,167	1,221	66	4,593	606	5,199
Jasper	3,595	1,709	1,793	97	7,194	220	7,414
Jefferson	1,319	614	659	64	2,656	—	2,656

school enrollment

(continued)

County Name	K-6	7-9	10-12	Special Education	Total	Non-Public Enrollment	Total Enrollment All Schools
Johnson	5,599	2,353	2,345	225	10,522	669	11,191
Jones	1,801	1,005	1,166	64	4,036	303	4,339
Keokuk	1,244	672	792	12	2,720	115	2,835
Kossuth	1,571	733	901	48	3,253	1,484	4,737
Lee	3,585	1,653	1,868	168	7,274	1,420	8,694
Linn	17,340	7,729	8,635	547	34,251	3,472	37,723
Louisa	1,595	772	766	14	3,147	—	3,147
Lucas	949	427	465	14	1,855	—	1,855
Lyon	1,303	587	690	6	2,586	182	2,768
Madison	1,559	696	738	46	3,039	—	3,039
Mahaska	1,745	738	767	67	3,317	184	3,501
Marion	2,872	1,320	1,385	81	5,658	751	6,409
Marshall	4,003	1,985	2,060	174	8,222	289	8,511
Mills	1,429	546	566	37	2,578	—	2,578
Mitchell	963	499	741	17	2,220	292	2,512
Monona	1,056	480	650	15	2,201	97	2,298
Monroe	773	376	404	33	1,586	—	1,586
Montgomery	1,253	529	578	16	2,376	—	2,376
Muscatine	4,145	1,899	1,821	114	7,979	234	8,213
O'Brien	1,386	729	939	8	3,062	547	3,609
Osceola	606	269	343	—	1,218	114	1,332
Page	1,729	703	834	81	3,344	60	3,404
Palo Alto	1,141	613	783	32	2,569	270	2,839
Plymouth	2,141	1,016	1,190	23	4,370	1,131	5,501
Pocahontas	919	539	677	21	2,156	197	2,353
Polk	28,636	12,669	12,995	1,402	55,702	5,620	61,322
Pottawattamie	9,175	4,075	4,324	615	18,189	942	19,131
Poweshiek	1,828	819	901	38	3,586	—	3,586
Ringgold	603	249	326	1	1,179	—	1,179
Sac	1,342	635	730	34	2,741	66	2,807
Scott	16,536	7,689	7,784	643	32,652	2,899	35,551
Shelby	1,312	744	970	62	3,088	429	3,517
Sioux	2,016	967	1,137	158	4,278	2,506	6,784
Story	5,279	2,327	2,639	195	10,440	185	10,625
Tama	2,014	986	1,070	15	4,085	—	4,085
Taylor	759	376	405	78	1,618	—	1,618
Union	1,330	623	721	49	2,723	108	2,831
Van Buren	858	405	456	29	1,748	—	1,748
Wapello	3,971	1,825	2,007	225	8,028	107	8,135
Warren	3,984	1,683	1,684	92	7,443	—	7,443
Washington	1,844	934	955	59	3,792	276	4,068
Wayne	697	351	361	8	1,417	—	1,417
Webster	3,642	1,730	2,081	193	7,646	1,545	9,191
Winnebago	1,574	702	856	8	3,140	12	3,152
Winneshiek	1,250	755	935	33	2,973	541	3,514
Woodbury	8,991	3,844	4,831	597	18,263	2,882	21,145
Worth	799	341	368	0	1,508	—	1,508
Wright	1,635	777	943	40	3,395	—	3,395
State	270,308	126,940	139,960	9,991	547,199	53,666	600,865

K=Kindergarten.
Source: Iowa Department of Public Instruction.

deposits, loans, midwest (millions)

Total Gross Loans and Federal Funds Sold

	1970	1974	1975	1976	1977	1978	1979
Iowa	$ 3,848	$ 6,818	$ 7,437	$ 8,562	$ 9,990	$ 11,023	$ 12,404
Illinois	22,023	43,294	43,015	45,059	50,525	57,634	62,937
Kansas	2,835	5,141	5,490	6,522	7,480	8,087	8,012
Minnesota	5,629	9,951	10,127	11,433	12,843	14,587	15,921
Missouri	6,909	11,130	11,304	12,946	15,219	17,141	16,367
Nebraska	2,166	4,018	4,1034,721		5,450	5,887	5,945
S. Dakota	923	1,690	1,828	2,113	2,418	2,692	2,901
Wisconsin	6,869	10,056	10,207	11,571	13,479	14,863	15,096
Total Midwest	51,202	92,098	93,511	102,027	117,404	131,914	139,583
Total Deposits							
Iowa	$ 6,634	$ 10,589	$ 11,799	$ 13,035	$ 14,224	$ 15,606	17,025
Illinois	34,548	58,610	59,446	61,685	68,836	74,189	77,042
Kansas	5,017	7,964	8,791	9,747	10,803	11,705	13,164
Minnesota	9,139	13,887	14,739	16,210	18,028	19,925	21,916
Missouri	11,456	16,159	17,260	19,012	21,286	23,084	25,367
Nebraska	3,606	5,767	6,251	6,718	7,394	8,193	8,962
S. Dakota	1,571	2,614	2,914	3,229	3,442	3,785	4,184
Wisconsin	9,682	13,951	15,008	16,485	18,538	19,541	20,798
Total Midwest	81,653	129,541	136,208	146,121	162,551	176,028	188,458
Mortgage Loans and Contracts							
Iowa	$ 1,691	$ 2,989	$ 3,494	$ 4,072	$ 4,778	$ 5,367	$ 5,743
Illinois	11,696	18,497	20,388	23,749	23,267	32,167	35,468
Kansas	1,884	3,269	3,631	4,218	4,845	5,460	5,940
Minnesota	2,907	4,648	5,179	5,898	6,771	7,697	8,301
Missouri	3,799	6,601	7,288	8,487	9,798	11,239	12,194
Nebraska	1,037	2,130	2,425	2,833	3,319	3,772	4,243
S. Dakota	212	382	454	558	667	764	813
Wisconsin	3,147	5,608	6,091	7,245	8,534	9,525	10,265
Total Midwest	26,373	44,124	43,771	57,060	66,979	75,991	82,967

Source: Unpublished asset and liability data, F.D.I.C. Asset and Liability Trends, Dec. 31, 1979, Federal Home Loan Bank Board.

Iowa is a top insurance state, prime source of financing

(dollars in thousands)

	1960	1965	1970	1975	1976	1977	1978	1979
Life Companies								
Number	16	29	29	28	34	33	32	35
Admitted assets	$2,284,785	$ 3,105,280	$ 4,223,141	$ 6,565,897	$ 7,644,372	$ 8,743,599	$ 9,900,769	$11,280,941
Total income	405,093	640,652	961,904	1,754,093	2,240,246	2,544,843	2,846,909	3,307,294
Life premiums	207,030	317,730	466,722	896,234	895,051	1,249,420	1,520,752	1,551,227
Accident-health	55,072	109,358	192,334	323,564	380,176	479,649	491,681	611,049
Total disbursements	289,578	444,496	708,793	1,206,172	1,317,476	1,503,577	1,721,198	2,089,661
Direct benefits	136,849	212,267	337,543	544,119	607,296	653,455	716,489	858,449
Iowa business in force	1,639,897	2,914,357	4,587,814	5,618,159	7,180,573	9,344,099	9,720,437	12,070,517
Total business in force	8,017,330	13,097,593	22,469,072	40,218,032	45,366,012	54,118,901	62,467,338	70,870,315
Fire, Casualty, Multiple Line Companies								
Number	45	46	41	42	44	46	46	48
Admitted assets	$ 287,551	$ 352,149	$ 561,444	$ 946,412	1,109,329	1,444,432	1,944,158	2,318,344
Total liabilities	181,739	225,681	382,558	655,550	757,597	1,017,644	1,387,571	1,644,017
Total premiums	209,573	252,155	421,012	719,164	806,123	993,470	1,193,797	1,351,826
Total direct losses	114,793	147,199	244,086	402,297	483,506	585,180	722,397	704,754
Net income	9,888	4,682	22,300	597	42,200	71,378	91,913	135,675

Source: State of Iowa, Report of the Insurance Department of Iowa, 1979 Annual Report

insurance business in Iowa

(thousands)

	1960	1965	1970	1975	1976	1977	1978	1979
Life insurance								
Life considerations	$ 159,408	$ 222,335	$ 309,870	$ 434,581	$ 415,677	$ 454,833	$ 489,037	$ 507,649
Direct claims and benefits	45,246	108,378	155,075	188,382	195,980	220,030	257,005	288,883
In force December 31	7,712,277	11,548,791	18,082,838	25,346,285	29,418,496	34,367,416	37,129,157	30,534,029
Accident and Health								
Total premiums	44,818	99,309	164,701	231,070	286,673	296,349	319,286	313,360
Group premiums			100,447	148,272	168,205	194,386	189,579	195,206
Total claims	27,766	66,950	120,896	203,168	178,437	187,583	200,087	211,223
Group claims			88,066	124,931	136,404	143,054	145,492	155,097
Fire, Casualty, Multiple Line								
Total Premiums	210,573	251,676	385,706	652,630	786,890	947,603	1,083,894	1,192,011
Fire	26,719	23,412	30,442	38,104	40,271	42,422	46,948	47,843
Homeowners	11,416	22,697	35,509	65,556	70,010	83,292	111,773	104,995
Auto liability (BI, PD)	42,716	60,618	89,424	141,975	178,152	207,052	225,376	249,570
Auto physical damage	34,192	41,988	66,195	95,412	125,254	158,701	177,630	195,104
Workmen's compensation	12,747	16,543	27,134	69,048	87,045	108,918	128,489	168,835
Total direct losses	110,780	136,127	203,300	342,009	400,333	429,015	555,839	609,059
Fire	10,435	10,853	14,079	15,028	24,285	16,513	16,463	17,805
Homeowners	4,651	12,803	19,542	30,457	35,752	40,752	67,464	65,110
Auto liability (BI, PD)	23,535	36,502	57,240	88,941	90,678	102,275	120,672	134,682
Auto physical damage	18,021	23,121	39,406	72,796	83,307	86,658	110,808	116,344
Workmen's compensation	7,478	9,525	15,198	30,700	38,317	46,616	58,491	70,199

Source: State of Iowa, Report of the Insurance Department of Iowa, 1979 Annual Report

financial institutions encourage business growth

Iowa insured commercial banks
(dollars in millions)

	1967	1970	1973	1975	1976	1977	1978
Number of banks	662	658	661	654	652	649	650
Total assets	$5,235	$7,455	$10,980	13,370	$14,606	$16,094	$17,858
Demand deposits	2,405	3,124	3,996	4,212	4,249	4,484	4,836
Time deposits	2,295	3,510	5,554	7,588	8,786	9,741	10,770
Total deposits	4,700	6,634	9,549	11,799	13,035	14,225	15,606
Securities	1,693	2,363	3,927	4,128	4,342	4,238	4,604
Cash, bank balances	717	1,104	1,317	N/A	N/A	N/A	N/A

Source: U.S. Department of Commerce, Statistical Abstract of the United States, 1968 through 1979.

Iowa savings and loan associations
(dollars in millions)

	1967	1970	1973	1974	1975	1976	1977
Number of associations	91	83	88	84	84	79	78
Total assets	$1,588	$1,966	$3,039	$3,499	4,137	$4,813	$5,618
First mortgage loans	1,328	1,691	2,599	2,989	3,494	4,072	4,778
Savings capital	1,416	1,691	2,643	2,983	3,529	4,181	4,781

Source: U.S. Department of Commerce, Statistical Abstract of the United States, 1968 through 1979.

Iowa chattel or small loan companies

	1967	1970	1973	1975	1976	1977	1978	1979
Number of offices	379	358	347	317	302	297	294	292
Number of accounts	122,559	107,991	86,056	71,690	58,519	55,754	55,684	49,169
Loans made during year ($000)	61,762	53,724	41,547	35,086	32,682	33,542	32,245	29,350
Loans charged off during year ($000)	1,246	1,783	1,728	1,876	1,605	1,374	1,286	1,270
Total net outstanding ($000)	48,628	47,974	39,984	32,921	27,764	26,522	25,587	25,017

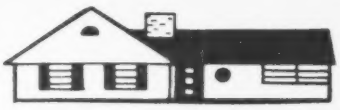
Source: State of Iowa, Annual Report of the Superintendent of Banking, 1979.

Iowa state chartered credit unions
(dollars in thousands)

	1967	1970	1973	1975	1976	1977	1978	1979
Number (on Jan. 1)	401	426	405	419	427	423	391	391
Total assets	$157,662	$205,599	$279,729	$351,320	431,447	$493,055	$565,920	$623,046
Loans	117,422	150,265	208,834	277,566	353,852	410,008	475,319	508,103
Shares and deposits	140,127	181,093	246,133	309,116	357,118	414,481	471,125	547,852

Source: State of Iowa, Annual Report of the Credit Union Department, 1979.

housing units, Iowa places of 2500 or more inhabitants



1970	Total Housing Units	Occupied Housing Units	Owner Occupied (Percent)	Owner-Median Value (Dollars)
Iowa	964,060	896,311	71.7	13,900
Urban	550,744	522,517	69.4	15,400
Rural	413,316	373,794	74.9	10,100
Inside SMSA's	328,900	311,819	70.8	16,300
In Central Cities	215,817	204,536	67.8	16,100
Not in Central Cities	113,083	107,283	76.6	17,100
Outside SMSA's	635,160	584,492	72.2	12,000
Standard Metropolitan Statistical Areas				
Cedar Rapids	54,137	50,855	71.9	18,100
Davenport-Rock Island-Moline, Iowa-Ill	121,108	114,835	69.8	17,800
Des Moines	98,325	93,415	69.6	16,100
Dubuque	25,280	24,279	73.2	17,800
Omaha, Nebr.-Iowa	174,773	165,216	63.3	14,900
Sioux City, Iowa-Nebr.	39,301	36,745	69.6	12,800
Waterloo	41,513	39,638	73.4	15,900
Places of 2,500 Inhabitants or More				
Albia	1,678	1,567	69.8	8,300
Algona	2,090	2,022	71.8	13,700
Altoona	838	802	81.7	18,200
Ames	11,038	10,716	49.2	22,900
Anamosa	1,319	1,257	67.1	15,700
Ankeny	2,641	2,552	74.7	21,600
Atlantic	2,810	2,648	66.9	14,900
Audubon	1,091	1,036	80.3	12,500
Belle Plaine	1,153	1,071	80.4	7,800
Bettendorf	6,445	6,174	79.5	22,500
Bloomfield	1,108	1,057	74.6	11,600
Boone	4,590	4,386	74.0	11,300
Burlington	11,979	11,159	69.8	13,600
Camanche	1,077	1,020	37.4	18,100
Carroll	2,683	2,560	74.5	16,300
Carter Lake	885	829	84.8	12,200
Cedar Falls	8,286	7,976	70.3	19,900
Cedar Rapids	37,979	35,719	69.2	18,100
Centerville	2,668	2,452	69.3	8,300
Chariton	2,089	1,886	71.8	9,700
Charles City	3,437	3,201	75.4	15,600
Cherokee	2,587	2,450	68.8	14,700
Clarinda	1,962	1,852	69.6	11,700
Clarion	1,164	1,079	74.1	12,000
Clear Lake City	2,650	2,248	73.8	16,000
Clinton	11,868	11,277	72.2	14,200
Clive	936	894	56.5	25,900
Coralville	2,199	2,106	34.2	21,300
Council Bluffs	19,750	18,948	71.6	12,500
Cresco	1,440	1,381	82.9	11,500
Creston	3,229	3,020	72.9	11,100
Davenport	33,466	31,654	64.6	18,000
Decorah	2,123	2,071	67.0	15,800
Denison	2,167	2,064	67.9	15,200
Des Moines	72,349	68,506	66.3	14,700
DeWitt	1,290	1,221	71.2	17,700
Dubuque	18,030	17,370	69.0	18,100
Dyersville	1,009	978	80.1	16,800
Eagle Grove	1,599	1,495	74.8	10,900
Eldora	1,151	1,096	77.6	14,100
Emmetsburg	1,445	1,332	76.2	12,600
Estherville	2,644	2,523	75.1	13,600
Evansdale	1,462	1,359	77.3	9,700
Fairfield	3,237	2,996	47.5	14,600
Forest City	1,289	1,199	73.4	15,800
Fort Dodge	10,693	10,112	66.2	15,700
Fort Madison	4,998	4,654	70.4	12,900
Glenwood	1,263	1,208	68.3	14,500
Grinnell	2,792	2,686	66.3	14,800
Grundy Center	1,033	1,002	76.5	14,900
Hampton	1,764	1,619	73.7	14,400
Harlan	1,778	1,693	76.3	15,100
Hawarden	997	937	75.9	11,000
Humboldt	1,611	1,532	75.9	17,100
Independence	2,074	1,974	74.0	12,200
Indianola	2,833	2,714	73.4	17,900
Iowa City	15,481	14,766	45.9	22,800
Iowa Falls	2,259	2,122	68.3	14,700
Jefferson	1,824	1,724	75.4	13,100
Keokuk	5,309	5,007	72.3	9,800
Knoxville	2,506	2,365	70.3	13,200
Lamoni	708	649	88.8	10,500
Le Claire	765	721	80.2	16,200
Le Mars	2,603	2,534	69.4	16,600
Manchester	1,704	1,612	71.4	14,100
Maquoketa	2,090	1,984	69.8	13,400
Marion	5,522	5,332	79.1	19,300
Marshalltown	9,127	8,765	69.8	15,400
Mason City	10,710	10,270	70.1	14,500
Missouri Valley	1,223	1,178	71.7	9,600
Monticello	1,169	1,128	76.7	15,500
Mount Pleasant	2,396	2,262	67.7	16,300
Mount Vernon	716	693	68.8	16,500
Muscatine	7,742	7,401	69.5	14,900
Nevada	1,792	1,703	71.3	15,600
New Hampton	1,216	1,181	76.1	14,700
Newton	5,625	5,401	73.2	13,600
Oelwein	2,817	2,661	78.6	11,400
Onawa	1,211	1,130	71.4	9,900
Orange City	1,154	1,100	81.1	15,600
Osage	1,386	1,332	81.2	13,100
Osceola	1,376	1,277	75.9	10,300
Oskaloosa	4,292	4,028	69.9	10,800
Ottumwa	11,158	10,487	73.5	9,600
Pella	2,132	2,063	76.8	16,700
Perry	2,650	2,479	68.3	11,500
Red Oak	2,537	2,386	70.4	13,100
Rock Rapids	1,018	961	78.5	13,100
Sac City	1,205	1,146	72.9	12,200
Sheldon	1,597	1,521	76.5	13,500
Shenandoah	2,444	2,328	64.9	11,500
Sibley	1,031	969	81.4	12,000
Sioux Center	957	938	81.7	15,000
Sioux City	29,197	27,619	68.2	13,300
Spencer	3,689	3,527	66.1	15,800
Spirit Lake	1,196	1,056	73.9	15,200
Storm Lake	2,933	2,819	69.0	16,800
Tama	1,083	1,024	77.5	11,100
Tipton	1,067	1,026	71.8	14,100
Urbandale	4,276	4,037	79.5	23,800
Vinton	1,770	1,700	75.4	12,000
Washington	2,441	2,300	72.3	12,500
Waterloo	25,301	24,165	72.5	15,400
Waukon	1,369	1,304	72.9	12,500
Waverly	2,267	2,135	69.6	17,600
Webster City	3,073	2,922	68.8	14,900
West Burlington	1,045	1,003	86.1	14,600
West Des Moines	5,061	4,864	82.2	21,600
West Union	953	899	77.6	13,400
Windsor Heights	2,040	2,000	84.0	27,900
Winterset	1,478	1,417	71.6	12,000

Source: 1970 Census of Housing, U.S. Department of Commerce, Bureau of the Census

median value of housing units, Iowa

1970	Owner Occupied	Vacant & for Sale	With All Plumbing: Owner Occupied	With All Plumbing: Vacant & for Sale	Contract Rent: Renter Occupied	Contract Rent: Vacant & for Rent
Iowa	$13,900	$11,600	$14,200	$13,000	$77	$74
Inside SMSA's	16,300	15,900	16,500	16,400	90	90
Outside SMSA's	12,000	9,300	12,400	11,100	69	62
Urban	15,400	14,500	15,600	15,200	83	80
Rural	10,100	6,500	10,600	8,400	58	52

Source: "1970 General Housing Characteristics," Aug. 1971, U.S. Department of Commerce, Bureau of the Census

housing units by county, 1970

Counties	Occupied Housing Units: Total Housing Units	Owner Occupied: Total	Owner Occupied: Median Value (Dollars)	Renter Occupied: Total	Renter Occupied: Median Contract Rent (Dollars)
Adair	3,645	2,548	8,200	753	55
Adams	2,381	1,637	6,900	547	47
Allamakee	5,233	3,522	11,400	1,020	58
Appanoose	6,120	4,155	6,500	1,200	56
Audubon	3,394	2,407	10,700	740	56
Benton	7,925	5,483	10,800	1,874	63
Black Hawk	41,513	29,085	15,900	10,553	85
Boone	9,186	6,371	11,000	2,278	67
Bremer	7,220	5,282	15,400	1,579	75
Buchanan	7,049	4,883	10,400	1,472	63
Buena Vista	7,242	4,711	13,200	2,078	69
Butler	5,850	4,190	11,000	1,330	57
Calhoun	5,580	3,427	9,100	1,399	54
Carroll	7,213	4,926	12,300	1,854	61
Cass	6,440	4,218	11,400	1,715	63
Cedar	6,064	4,048	13,200	1,613	69
Cerro Gordo	17,920	11,578	14,200	4,701	71
Cherokee	5,889	3,746	12,600	1,751	64
Chickasaw	4,792	3,491	11,800	1,007	67
Clarke	2,988	2,108	8,500	598	60
Clay	6,663	4,027	13,800	2,069	69
Clayton	7,450	5,124	10,000	1,428	52
Clinton	18,747	13,012	14,300	4,695	84
Crawford	6,436	4,264	11,200	1,767	66
Dallas	9,146	6,222	11,900	2,381	67
Davis	3,066	2,211	9,200	580	59
Decatur	3,624	2,402	6,400	796	54
Delaware	6,261	4,009	10,900	1,318	60
Des Moines	16,893	11,401	13,900	4,292	80
Dickinson	8,366	3,136	13,200	1,199	63
Dubuque	25,280	17,777	17,800	6,502	76
Emmet	4,676	3,099	12,100	1,226	65
Fayette	8,967	6,554	10,500	1,810	62
Floyd	6,882	4,852	13,800	1,540	66
Franklin	4,999	3,251	11,800	1,320	57
Fremont	3,454	2,229	7,300	1,008	49
Greene	4,798	3,052	10,000	1,351	61
Grundy	4,868	3,302	13,100	1,351	64
Guthrie	4,766	3,169	8,000	1,055	54
Hamilton	6,605	4,159	12,500	2,000	66
Hancock	4,717	3,084	10,300	1,255	60
Hardin	8,056	5,413	12,100	2,045	63
Harrison	5,793	3,883	8,500	1,532	58
Henry	6,430	4,386	12,400	1,531	71
Howard	3,925	2,946	9,600	681	48
Humboldt	4,325	2,829	12,500	1,173	67
Ida	3,250	2,149	10,900	882	59
Iowa	5,231	3,778	11,700	1,187	62
Jackson	6,868	4,793	11,900	1,577	63
Jasper	12,255	8,561	12,200	3,048	72
Jefferson	5,736	3,716	12,400	1,541	72
Johnson	23,654	11,691	22,000	10,800	115
Jones	6,249	4,414	12,600	1,535	68
Keokuk	5,242	3,810	6,800	885	52
Kossuth	7,386	4,821	10,600	2,105	62
Lee	14,890	10,480	11,700	3,473	69
Linn	54,137	36,552	18,100	14,303	103
Louisa	3,970	2,640	9,900	816	57
Lucas	4,014	2,745	8,600	837	56
Lyon	4,363	2,948	10,000	1,142	55
Madison	4,245	2,950	10,600	1,013	56
Mahaska	8,247	5,495	9,900	2,048	63
Marion	8,594	6,155	12,600	1,975	66
Marshall	13,986	9,461	14,300	3,825	83
Mills	3,922	2,621	10,000	1,036	63
Mitchell	4,335	3,175	11,100	863	56
Monona	4,511	2,908	8,100	1,225	49
Monroe	3,481	2,435	7,600	737	54
Montgomery	4,996	3,284	10,600	1,337	59
Muscatine	12,728	8,400	14,500	3,440	72
O'Brien	6,099	4,156	10,900	1,513	58
Osceola	2,958	1,925	9,700	813	55
Page	7,128	4,564	10,200	2,007	58
Palo Alto	4,764	2,966	9,700	1,132	57
Plymouth	7,563	5,034	13,700	2,133	66
Pocahontas	4,459	2,825	10,000	1,241	55
Polk	98,325	65,003	16,100	28,412	98
Pottawattamie	28,121	19,508	12,600	7,268	78
Poweshiek	6,694	4,199	11,600	1,770	67
Ringgold	2,781	1,844	5,700	462	47
Sac	5,758	3,575	10,300	1,505	58
Scott	46,397	30,166	18,800	13,856	99
Shelby	4,953	3,363	12,000	1,268	64
Sioux	8,412	6,128	12,400	1,902	59
Story	19,062	10,815	19,200	7,481	90
Tama	7,115	4,903	10,700	1,650	57
Taylor	3,551	2,573	6,400	650	47
Union	5,184	3,575	9,800	1,199	62
Van Buren	3,426	2,496	6,100	529	43
Wapello	15,478	10,945	9,300	3,407	62
Warren	8,425	6,303	16,900	1,616	83
Washington	6,634	4,491	11,500	1,645	65
Wayne	3,499	2,513	6,300	624	48
Webster	16,314	10,447	14,500	4,835	76
Winnebago	4,526	3,068	12,500	1,156	60
Winneshiek	6,434	4,604	11,800	1,454	68
Woodbury	35,127	22,816	12,900	10,018	72
Worth	3,334	2,272	10,500	767	54
Wright	6,410	4,015	11,200	1,729	62

Source: U.S. Bureau of the Census, Census of Housing: 1970, "General Housing Characteristics," Final Report, Iowa, Table 29.

Community Betterment — Ten Year Anniversary

One of the most positive programs that Iowa has to offer has completed its first decade of service this year. Through the Iowa Community Betterment Program, volunteers from nearly 500 communities have undertaken projects designed to improve their communities. These projects range from "brick and mortar" activities such as building a community center, to "people" projects like meals on wheels programs or summer youth recreation activities.

In its ten-year lifespan, Community Betterment has developed into the largest program of its kind in the country. In 1971, ICB's six original sponsors provided a total of $4,200 in cash awards for local success stories. Today, eleven years later, twenty sponsors have invested $20,000 toward Iowa's future through the 1981 awards program. In addition, the Iowa Energy Policy Council is providing $5,000 in award money to recognize ICB projects involving energy conservation.

The greatest rewards, however, are for all those communities where volunteers pitch-in, roll up their sleeves and work alongside the local government to accomplish worthwhile community projects.

Approximately 500 Communities Have Participated.

Ackley
Adair
Adel
Afton
Akron
Albert City
Albia
Alburnett
Algona
Alta
Alton
Altoona
Ames
Anamosa
Anderson
Anita
Ankeny
Anthon
Aplington
Archer
Armstrong
Arthur
Ashton
Atkins
Atlantic
Audubon
Aurelia
Aurora
Avoca
Ayrshire

Bagley
Bancroft
Barnum
Battle Creek
Beaconsfield
Beaman
Bedford
Belle Plaine
Bellevue
Belmond
Bennett
Benton
Bentonsport
Bettendorf
Birmingham
Blairsburg
Blairstown
Blencoe
Blockton
Bloomfield
Bonaparte
Bondurant
Boone
Boxholm
Boyden
Bradgate
Brayton
Breda
Britt
Brooklyn
Brunsville
Buck Grove
Buffalo Center
Burlington
Burr Oak
Burt

Carroll
Carter Lake
Casey
Cedar Falls
Cedar Rapids
Center Juction
Center Point
Centerville
Central City
Chapin
Chariton
Charles City
Charter Oak
Cherokee
Churdan
Clarinda
Clarion
Clarksville
Clearfield
Clear Lake
Cleghorn
Clemons
Clinton
Coin
Collins
Colo
Conesville
Conrad
Coon Rapids
Coralville
Corning
Correctionville
Corwith
Corydon
Coulter
Council Bluffs
Craig
Crescent
Cresco
Creston
Cumberland
Cumming
Cushing

Dakota City
Dallas Center
Davenport
Davis City
Decorah
Dedham
Defiance
Delmar
Denison
Des Moines
DeWitt
Dexter
Donnellson
Douds
Dow City
Downey
Dows
Dubuque
Dunlap
Dumont
Dyersville

Eagle Grove
Early
Edgewood
Eldora
Elkader
Elkhart
Elk Horn
Elliott
Ellston
Ely
Emmetsburg
Essex
Estherville
Exline

Fairfield
Farley
Farmington
Farragut
Fayette
Fertile
Fontanelle
Forest City
Fort Atkinson
Fort Dodge
Fort Madison
Fostoria
Franklin
Fredricksburg
Frederika
Fremont

Galva
Garden City
Garden Grove
Garnavillo
Garner
Garrison
George
Gilbert
Glenwood
Goldfield
Grafton
Grand River
Greene
Greenfield
Grimes
Grinnell
Griswold
Grundy Center
Guthrie Center

Hamburg
Hampton
Hancock
Hanlontown
Harlan
Hartley
Harvey
Hawarden
Hedrick
Holstein
Holy Cross
Hopkinton
Hospers
Houghton
Hubbard
Hudson
Hull
Humboldt
Humeston

Ida Grove
Independence
Indianola
Inwood
Iowa City
Iowa Falls

Jefferson
Jesup
Joice

Kalona
Kanawha
Kellerton
Kellogg
Kensett
Keokuk
Keosauqua
Kimballton
Kingsley
Kirkville
Keystone
Klemme
Knoxville

Lake Mills
Lake View
Lakota
Lamoni
La Porte City
Larchwood

Laurel
Laurens
Lawton
LeClaire
Ledyard
LeGrand
Lehigh
Leland
Le Mars
Lenox
Leon
Letts
Lewis
Liberty Center
Lime Springs
Lineville
Little Sioux
Livermore
Logan
Long Grove
Lorimor
Lourdes
Lovilia
Low Moor
Luana
Luther
Luverne
Lytton

McCausland
McGregor
Macedonia
Madrid
Mallard
Malvern
Manchester
Manly
Manson
Maquoketa
Marathon
Marble Rock
Marcus
Marengo
Marion
Marquette
Marshalltown
Mason City
Massena
Maxwell
Mechanicsville
Melcher
Melrose
Melvin
Menlo
Meservey
Milford
Milton
Mingo
Missouri Valley
Mitchell
Modale
Moingona
Modamin
Monona
Monticello
Moorhead
Moorland
Morning Sun
Mount Ayr
Mount Pleasant
Murray
Muscatine
Mystic

Nashua
Nevada
New Hampton
New Sharon
Newton
New Providence
New Virginia
Nichols
Nora Springs
North English
North Liberty
Northwood
Oakland
Oakville
Ocheyedan
Odebolt
Oelwein
Ogden
Onawa
Orange City
Orient
Osage
Osceola
Oskaloosa
Ossian
Ottosen
Ottumwa
Oxford
Oxford Junction

Pacific Junction
Packwood
Panora
Parkersburg
Parnell
Paullina
Pella
Percival
Perry
Persia
Peterson
Pisgah
Plainfield
Pleasantville
Polk City
Postville
Prairie City
Primghar

Quimby

Radcliffe
Ralston
Randolph
Redfield
Red Oak
Remsen
Renwick
Rhodes
Riceville
Richland
Ridgeway
Riverside
Rockford
Rock Rapids
Rock Valley
Rockwell
Rockwell City
Roland
Rolfe
Rowan
Rowley
Rudd
Runnells
Ruthven
Ryan

Sac City
Saint Ansgar
Scarville
Schaller
Schleswig
Scranton
Seymour
Sheffield
Shelby
Sheldon
Shenandoah
Sibley
Sidney
Sigourney
Silver City
Sioux Center
Sioux City
Sioux Rapids
Sloan
Soldier
Spencer
Spillville
Spirit Lake
Springville
Staceyville
Stanhope
Stanley
Stanton
State Center
Stockport
Storm Lake
Story City
Stratford
Strawberry Pt.
Stuart
Sumner
Superior
Sutherland
Swaledale
Swea City

Tama
Tama/Toledo
Templeton
Terril
Thompson
Thornton
Tipton
Titonka
Traer
Tripoli
Troy
Union
Urbana
Urbandale
Vail
Van Horne
Villisca
Vinton
Wadena
Wall Lake
Washington
Waterloo
Waucoma
Waukee
Waukon
Waverly
Webster City
Wellman
Wellsburg
West Branch
West Burlington
West Liberty
West Point
West Union
Wever
What Cheer
Whiting
Williamsburg
Wilton
Winfield
Winthrop
Winterset
Wiota
Woden
Woodbine
Woodward
Wyoming
Zearing

Neighborhoods:
Czech Village-Cedar Rapids
Four Mile-Des Moines
Highland-Waterloo
Hillcrest-Fort Dodge
Pioneer Columbus-Des Moines
Sherman Hill Assn.-Des Moines
Southeast-Des Moines

1980 outstanding achievement and youth involvement winners

Population Category I — 263 and under

1. **Hanlontown** — published monthly newsletter, held community celebration day.
2. **Melrose** — Christmas decorations, expanded park facilities, tree planting program.
3. **Soldier** — remodeled the community building, honor roll board was rebuilt and repainted.
4. **Beaconsfield** — repair of playground equipment, placement of historical bell in city park, new fence for Oliver Cemetery, repair of community building.
5. **Grafton** — park improvement, classes on Cardiac Pulmonary Resuscitation, food drying project.

Honorable Mention — Blencoe — conducted survey, conducted flag day, park clean-up.
Youth Involvement — Beaconsfield — see number 4 above.
Honorable Mention — Wever — park improvement.

Population Category II — 264-430

1. **Macedonia** — downtown renovation and centennial celebration.
2. **Low Moor** — completion of community center and a monthly newsletter.
3. **Lorimor** — Mother Lode, a sewing industry, located in Lorimor; built community center; organized junior sports club.
4. **Marble Rock** — CPR training, organized youth group called MAT, city beautification.
5. **Nichols** — a community park.

Honorable Mention — Kensett — community housing, shelter house in the park and insulated fire station and city office, new doors on city hall.
Honorable Mention — Elliott — financing and erection of the community complex.
Youth Involvement — Low Moor — see number 2 above.

Population Category III — 431-800

1. **Churdan** — building city library and community improvement.
2. **Stratford** — centennial, effort to save the railroad, community growth projects such as feeding the RAGBRAI riders, constructing tennis courts, new flag pole and monument, horseshoe courts, five-year recreation plan.
3. **Peterson** — community improvement and protection, beautification of main street.
4. **Ashton** — community building construction, community attitude survey and recreation.
5. **Dow City** — community building improvements, park improvements, different rescue unit, fire hall improvements.

Honorable Mention — Marquette — Fund drive for the Schwendinger family to help pay medical expenses, plant Marquette program, added restrooms and bleachers in ball park.
Honorable Mention — Stanhope — maintained and improved park, tree planting, senior citizens helped with various projects.
Youth Involvement — Murray — conducted a survey, life saving program, tennis court was painted by the youth, new volleyball stand was purchased.

Population Category IV — 801-1,274

1. **St. Ansgar** — completed golf course, club house constructed and opened, tree planting and sodding, park and picnic area begun.
2. **Sidney** — new building to house fire equipment and ambulance, new track, tree house, horseshoe courts, repaired and painted Historical Church Museum.
3. **Schleswig** — community survey, park beautification, retirement apartments.
4. **Riceville** — constructed and financed library multi-purpose room, Quasquicentennial celebration.
5. **Winfield** — survey, meals on wheels, dentist, ball park, new sign.

Honorable Mention — Sheffield — Sourdough Days celebration, park development.
Honorable Mention — Paullina — paper drives, swimming fund, athletic building.
Youth Involvement — Central City — clean-up day, landscaping of school, fund raising for senior citizen housing.

Population Category V — 1,276-2,300

1. **Holstein** — school reorganization, swimming pool, jaws of life.
2. **Northwood** — conserving energy, July 4th celebration, tree planting project.
3. **Hartley** — people with a heart, and health and safety.
4. **Clarksville** — ice skating rink, community beautification, news announcers' tower at football field.
5. **Corning** — fund raising for library addition, substance abuse program, lake rejuvenation.

Honorable mention — Coon Rapids — adopted grandparents program, fund raising for the park and recreation center.
Youth Involvement — Mount Ayr— park improvements, FFA improved community sites.
Honorable Mention — Ackley — meals for the elderly, Auberge De Jeunesse—a camp created to introduce a foreign culture to young people.

Population Category VI — 2,301-4,999

1. **Eldora** — July 4th celebration, senior citizen center, Pine Lake wildlife club.
2. **Tama** — ambulance fund drive, downtown renovation.
3. **DeWitt** — community survey, theater renovation, fund raising.
4. **Lamoni** — demolition of old bathhouse at Lake LaShane, CPR training, community center and park master plan.
5. **Albia** — Monroe County hospital, Parkview estates.

Honorable Mention — Garner — transit system, project to save airport, Duesey Days.
Honorable Mention — Rock Rapids — bike safety, park clean-up and youth center.
Youth Involvement — Sheldon — drug and alcohol abuse, city beautification, Prairie Arts Council.

Population Category VII — 5,000-10,000

1. **Chariton** — Jaycees and city crews assisted H.S. students in spring clean-up, Chariton Valley Players (volunteer labor, funds, talent), renovated park, chamber sponsored a career day.
2. **Denison** — Denison Job Corps, citizen's patrol, energy conservation, study for Denison schools, July 4th celebration, Pals Program, Thank You Canada card.
3. **Independence** — Strollers Pilgrimage, industrial park improvements, Vial of Life, Wapsipinicon Players, downtown park and Little League concession stand.
4. **Creston** — youth CRD program, Railroad Heritage Days/4th of July celebration, Creston Community Theatre, Haunted House, substance awareness, Christmas basket.
5. **Grinnell** — community center—progressed from study, to planning, to publicity, to bond issue, "Grinnell in the 80s."

Honorable Mention — Waverly — completed community survey, completed Little League ball field, exercise trail, Community Betterment Recognition Day dinner.
Youth Involvement — Chariton — see number 1 above.
Honorable Mention — Creston — see number 4 above.

Population Category VIII — Over 10,000

1. **Ottumwa** — retail strategy committee/Someplace Special Campaign, civic center survey, youth involvement projects, community needs and/or project determinations.
2. **Boone** — Mamie Eisenhower birthplace restoration, Boone convention and visitors bureau, downtown improvement, city beautification, community survey.
3. **Clinton** — community clean up campaign, beautification.
4. **Indianola** — balloon championships—tenth anniversary, business survey, city promotion, playground equipment installed and area cleaned up.
5. **Waterloo** — Cedar Valley Hospice, project PRIDE, Pre-Employment Training (PET), "Young At Heart" concert, vial of life, YMCA Family Builder Construction Project.

Honorable Mention — Fort Madison — shuttle bus, community betterment survey.
Honorable Mention — Fort Dodge — youth mural painting project, crime coalition, neighborhood watch program, alternative forms of city government.
Youth Involvement — Ottumwa — the four high school organizations (VICA, HERO, OE and DECA) raised and spent an estimated $1,500 on projects.

Population Category IX — Neighborhoods (for cities over 25,000)

1. **Czech Village — Cedar Rapids** — sidewalks.
2. **Pioneer-Columbus — Des Moines** — heat exhaustion prevention projection.
3. **Southeast — Des Moines** — community survey.

1980 Energy Awards

Population Category I

Grafton — food drying conservation project, $100.
Soldier — community building, $500.

Population Category II

Elliott — news community hall and library, $300.
Kensett — new doors on city hall, insulating fire station and city office, $100.
Low Moor — community center, $300.
Mallard — renovation of old theatre for community center, $100.
Menlo — insulated community building, $100.
Mondamin — insulated city hall, $300.
Terrill — paneled memorial building, $100.

Population Category V

Coon Rapids — recreation center, $500.
Ida Grove — renovated community hall, $100.
Northwood — conserving energy, $300.
Stuart — recreation center, $100.

Population Category VI

Sioux Center — energy awareness, $500.
Decorah — city street lighting, $500.
Denison — energy awareness, $300.
Shenandoah — Project Pride, $500.

Population Category VI

Sioux Center — energy awareness, $500.
Vinton — energy affair, $100.

Population Category VII

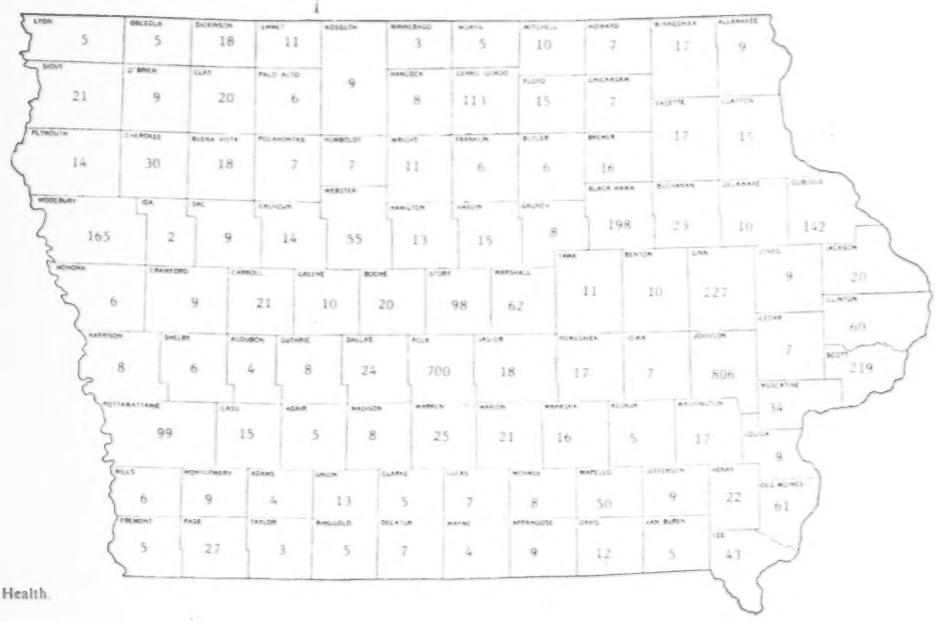
Creston — winterization of log cabin, $500.
Decorah — city street lighting, $500.
Denison — energy awareness, $300.
Shenandoah — Project Pride, $500.

1981 Iowa Community Betterment Sponsors

Bankers Life
Central Telephone Company
Continental Telephone of Iowa
Deere and Company
Farmland Industries, Inc.
Interstate Power Company
Iowa American Legion
Iowa Association of Electric Cooperatives
Iowa Bankers Association
Iowa Electric Light and Power Company
Iowa Farm Bureau Federation
Iowa-Illinois Gas & Electric Company
Iowa Power and Light Company
Iowa Public Service Company
Iowa Southern Utilities
Michigan Wisconsin Pipe Line Company
Natural Gas Pipeline Company of America
Northern Natural Gas Company
People Natural Gas Company
United Telephone Company of Iowa

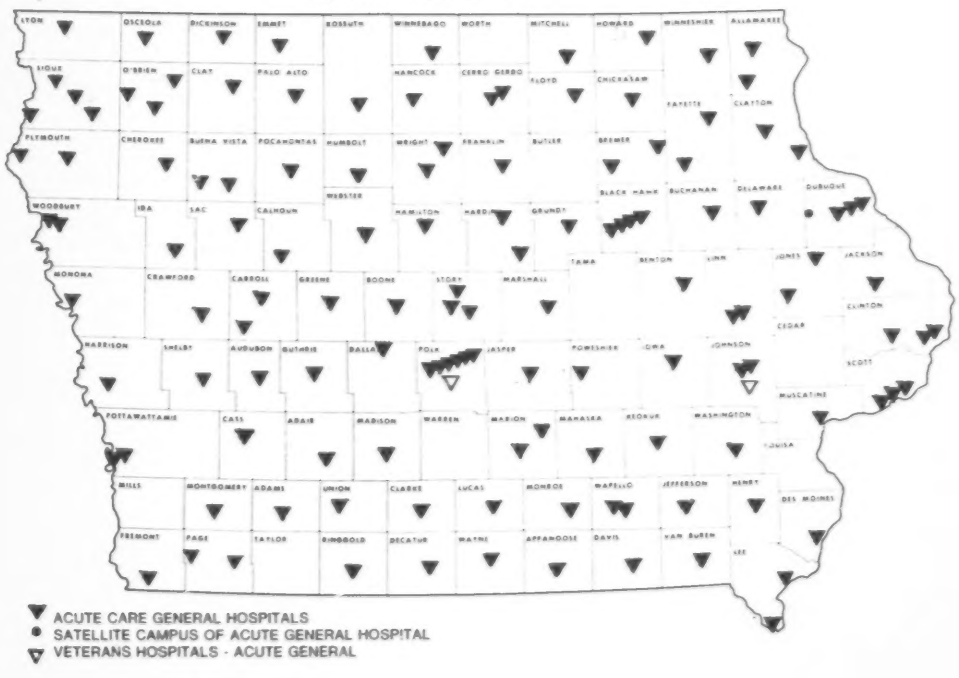
Iowans have ready access to health care

NUMBER OF PHYSICIANS (M.D.'s and D.O.'s) BY COUNTY, 1980



Source: Iowa Department of Health.

IOWA HOSPITALS



Source: Iowa State Department of Health, Office for Health Planning & Development.

discharges in IOWA hospitals, by disease code per 10,000 population[1] 1977

Condition	00-14		15-44		45-64		65+		ALL AGES	
	Value	Rank	Value	Rank	Value	Rank	Value	Rank	Value	Rank
Infective/Parasitic	63.5	4	50.1	12	35.1	21	81.1	17	54.3	13
Malignant Neoplasms	6.3	17	17.8	22	133.1	5	347.5	2	80.2	8
Benign/Unspec. Neoplasms	5.6	19	33.5	15	52.0	15	44.0	25	31.8	23
Diabetes Mellitus	4.3	22	11.8	26	35.4	20	73.4	19	22.5	27
Other Endo., Nutr., Metabol.	5.9	18	8.7	28	17.8	29	19.9	29	11.3	31
Mental/Personality	24.6	11	110.6	5	116.0	7	94.7	14	88.8	6
Eye/Visual Impairment	17.0	13	7.9	29	37.2	18	149.6	10	34.1	21
Nervous/Sense Organs	42.4	9	51.4	9	96.2	8	121.3	11	67.1	11
Heart, Nec.	1.7	25	19.2	21	193.5	1	531.4	1	115.3	5
Hypertensive, Nec.	0.4	31	4.9	32	23.6	28	27.3	26	10.4	32
Cerebrovascular	0.6	30	3.2	33	34.9	22	225.8	5	37.4	17
Varicose Veins	0.0	34	3.1	34	9.2	31	10.8	31	4.6	34
Hemorrhoids	0.0	33	6.8	30	11.0	30	11.2	30	6.5	33
Other Circulatory	5.2	20	25.1	19	80.4	10	166.8	9	49.4	15
Upper Respiratory	117.1	2	42.2	13	26.4	27	21.3	27	54.5	12
Other Respiratory	132.9	1	62.9	8	134.2	4	274.8	4	121.2	4
Ulcer-Stomach/Duodenum	0.7	27	13.3	25	29.7	24	58.4	20	19.3	28
Appendicitis	22.0	12	26.7	18	8.1	32	3.8	32	19.0	29
Hernia of Abdominal Cav.	26.3	10	17.8	23	59.5	11	82.5	16	36.4	18
Gallbladder	0.2	32	30.0	17	56.1	14	90.2	15	35.7	20
Other Digestive	45.3	8	132.7	3	169.4	2	298.2	3	140.1	3
Male Genital Disorders	7.6	16	10.2	27	33.1	23	102.4	13	25.9	25
Female Genital Disorders	3.9	24	118.0	4	116.9	6	45.1	24	80.8	7
Other Genitourinary	51.1	7	50.3	10	85.8	9	172.0	8	73.1	10
Deliveries	0.7	28	373.1	1	0.0	34	0.3	33	160.9	2
Comp. Pregnancy/Puerper.	1.1	26	83.4	6	0.5	33	0.0	34	36.3	19
Skin/Subcutaneous Tissue	14.8	14	23.3	20	28.2	25	58.4	21	26.7	24
Arthritis	0.7	29	5.2	31	39.9	17	103.1	12	23.6	26
Bones and Joints, Nec.	3.9	23	31.2	16	56.8	13	55.9	22	32.9	22
Other Musculoskeletal	4.8	21	15.4	24	26.6	26	20.3	28	15.7	30
Fractures/Dislocations	60.5	5	63.2	7	56.8	12	196.8	7	78.4	9
Other Current Injuries	92.9	3	204.4	2	145.3	3	203.1	6	165.5	1
All Other Conditions	58.1	6	41.3	14	49.1	16	75.5	18	51.3	14
Misspecified	10.4	15	50.3	11	36.7	19	47.5	23	37.6	16

[1]Annualized.
Source: Iowa Department of Health.

hospitals in the midwest

State	Total Beds Per 1,000 Population	Per Capita Personal Income	Occupancy Rate %	Avg. Length of Stay Days	Admission Per 1,000 Population
UNITED STATES	4.5	7,019	73.8	7.6	160
IOWA	5.8	6,878	66.5	7.5	189
Illinois	5.0	7,768	75.6	8.0	171
Minnesota	5.9	7,129	70.1	8.8	174
Missouri	5.7	6,654	74.4	8.3	184
Nebraska	6.0	6,720	66.1	8.0	179
South Dakota	5.6	5,957	62.3	7.1	179
Wisconsin	5.0	6,890	69.3	8.0	159

Source: Selected Community Hospital Indicators, 1977 American Hospital Association.

iowa medical statistics[1]
licensed medical professionals in Iowa

Chiropractors	1,067
Dentists	2,543
Dental Hygienists	930
LPN's	6,696
MD's	7,045
Optometrists	509
Osteopathic Physicians	293
Osteopathic Physicians and Surgeons	673
Physical Therapists	667
Podiatrists	150
RN's (active)	26,580

[1]Estimated as of December 1980.
Sources: Iowa Board of Nursing, Licensing and Certification Division, Iowa Department of Health.

service industries in Iowa, 1977

SIC Code	Kind of business[1]	All establishments[2] (number)	Receipts[3] ($1,000)	Payroll entire year ($1,000)	Paid employees for week including March 12 (number)	Percent change 1972 to 1977	
						Receipts[3]	Payroll entire year
	Selected service industries[4]	27,340	1,560,446	408,850	60,198	72.3	78.1
701, 3	Hotels, motels, trailering parks, and camps	957	153,774	40,254	10,275	76.9	84.2
701	Hotels, motor hotels, and motels	754	148,686	39,935	10,240	79.0	85.4
72	Personal services	9,838	230,494	59,388	10,574	33.6	33.2
721	Laundry, cleaning, and garment services	848	61,803	19,327	3,334	23.2	14.7
722	Photographic studios, portrait	526	16,011	2,536	390	45.9	44.0
723	Beauty shops	3,773	64,481	22,100	4,171	41.6	46.3
724	Barber shops	1,098	15,595	1,900	250	16.0	36.9
726	Funeral service and crematories	434	46,433	9,547	1,149	16.5	33.6
73	Business services	5,315	347,400	118,080	16,020	93.0	90.3
731	Advertising[5]	310	25,438	9,863	808	80.4	95.6
734	Services to dwellings and other buildings	764	31,529	15,316	2,883	129.0	159.0
737	Computer and data processing services	95	53,725	18,071	1,775	(D)	275.5
7392	Management, consulting, and public relations services	958	50,629	16,737	1,730	74.7	150.2
7394	Equipment rental and leasing services	254	25,237	5,866	484	131.5	(D)
75	Automotive repair, services, and garages	3,429	281,059	52,143	5,641	89.1	97.5
751	Automotive rental and leasing, without drivers	165	78,314	9,400	889	104.9	105.1
752	Automobile parking	63	4,174	864	126	30.5	39.4
753	Automobile repair shops	2,743	177,000	38,094	3,982	80.5	95.0
754	Automotive services, except repair	458	21,571	3,785	644	136.8	127.7
76	Miscellaneous repair services	3,022	125,286	26,883	2,926	82.9	119.7
762	Electrical and electronic repair, except computers	825	41,598	9,345	973	65.5	130.3
78, 79	Amusement and recreation services, including motion pictures	2,360	154,347	29,430	7,322	55.1	28.5
781, 2	Motion picture production, distribution, and services	50	24,245	2,647	237	(D)	173.2
783	Motion picture theaters	215	29,369	5,046	1,776	28.1	(D)
792	Producers, orchestras, and entertainers	818	8,901	1,180	372	109.7	(D)
7933	Bowling alleys	231	34,198	8,077	2,298	72.9	69.7
8072	Dental laboratories	76	9,923	4,599	432	83.8	82.8
81	Legal services[6]	1,878	166,467	33,087	4,154	63.9	125.9
891	Engineering, architectural, and surveying services	465	91,696	44,986	2,854	114.2	100.8

Note: Percentages are based on current dollars for both 1972 and 1977 with no adjustment for price increases.
(D) Withheld to avoid disclosing data for individual companies.
[1]All kind-of-business classifications are not shown separately; therefore, detail does not add to totals.
[2]For all establishments, including those with no payroll.
[3]Comparability of data for specific kinds of business may be affected by inclusion of sales (or other) taxes in 1972 but not in 1977.
[4]Data shown only for establishments subject to Federal income tax. Comparability of data may be affected by inclusion of some tax-exempt establishments in 1972 data.
[5]Total receipts reflect commissions, fees, and other income of advertising agencies rather than gross billings as in previous censuses. Percent change reflects adjustment for comparability.
[6]Includes associations of professionals formed solely to share payroll and other expenses, not covered in prior censuses. Percent change in payroll does not reflect adjustment for comparability.
Source: 1977 Census of Service Industries, U.S. Department of Commerce, Bureau of the Census. Preliminary Report, issued August, 1979.

statistics

Iowa climate and geography

Located between the Upper Mississippi and the Missouri Rivers, the State of Iowa comprises 56,000 square miles primarily of rolling prairie, with an extreme north-south distance of 205 miles and an extreme east-west distance of 310 miles. Elevation changes are small across the State, varying from 1670 feet in Osceola County in the northwest to 480 feet at the mouth of the Des Moines River in the southeast. Some rugged terrain, mainly of forest soils, may be found in the northeast yet most of the State's natural lakes are located in the northwest.

Iowa's four distinct seasons provide a climate that is classified as humid continental. Temperatures vary through a wide range, arriving at an annual average of 49 degrees. A typical year brings 166 days of sunshine, 100 partly cloudy days and 99 cloudy days. Since much of the average 32 inches of rainfall comes during the growing season, Iowa's climate is ideal for agriculture. Winter snowfall averages 30 inches, and relative humidity averages 72 percent.

Clean air and clean water have been maintained in abundance in the State with enforcement of pollution laws assuring their existence in the future.

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climates of the States—Iowa.

mean temperature and total precipitation

Mean Average Temperature

	Dec. Jan. Feb.	Mar. Apr. May	June July Aug.	Sept. Oct. Nov.
Burlington	26.9	50.0	74.4	53.6
Carroll	22.9	47.8	72.9	51.4
Cedar Rapids	24.3	48.3	72.7	51.9
Council Bluffs	27.3	48.9	73.2	52.1
Creston	25.4	49.0	73.5	52.5
Davenport	26.4	49.1	74.5	54.0
Decorah	20.4	45.7	71.5	49.6
Des Moines	23.5	49.4	75.0	52.7
Dubuque	23.9	47.7	72.2	52.0
Fort Dodge	21.8	47.1	72.4	50.8
Mason City	19.3	45.0	70.8	48.9
Ottumwa	27.0	50.7	75.0	52.5
Rock Rapids	19.5	45.9	71.8	49.0
Sioux City	22.0	47.8	74.6	51.9
Spencer	19.1	45.4	71.4	48.9
Waterloo	20.8	46.4	71.9	49.8
State of IOWA	21.3	48.1	72.9	51.8

Source: U.S. Department of Commerce, Weather Bureau, Climatic Summary of the United States—Iowa.

Mean Average Precipitation

	Dec. Jan. Feb.	Mar. Apr. May	June July Aug.	Sept. Oct. Nov.
Burlington	1.54	3.39	4.01	2.59
Carroll	.98	2.30	4.01	1.97
Cedar Rapids	1.30	3.97	3.90	2.77
Council Bluffs	.85	2.98	4.86	1.90
Creston	.92	2.84	4.00	2.39
Davenport	1.53	3.15	3.87	2.74
Decorah	1.08	2.93	4.12	2.64
Des Moines	1.18	2.90	3.81	2.22
Dubuque	1.71	3.35	3.82	3.02
Fort Dodge	1.03	2.74	4.09	2.21
Mason City	.88	2.64	4.27	2.22
Ottumwa	1.31	3.14	4.19	2.51
Rock Rapids	.69	2.55	3.85	1.78
Sioux City	.80	2.31	3.37	1.77
Spencer	.82	2.55	3.99	1.95
Waterloo	1.07	2.83	4.01	2.58
State of IOWA	1.00	2.91	4.10	2.03

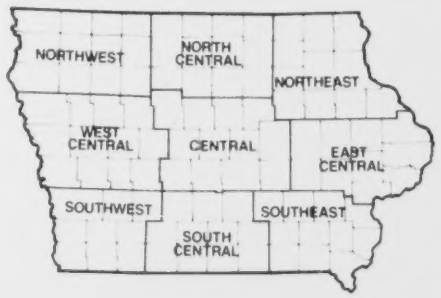
Source: U.S. Department of Commerce, Environmental Science Services Administration, "Climates of the States—Iowa."

wind chill table

	AIR TEMPERATURE (°F)																
	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
WIND SPEED MPH	WIND CHILL INDEX (EQUIVALENT TEMPERATURE) — Equivalent in cooling power on exposed flesh																
4	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
5	33	27	21	16	12	7	1	-6	-11	-15	-20	-26	-31	-35	-41	-47	-54
	COLD																
10	21	16	9	2	-2	-9	-15	-22	-27	-31	-38	-45	-52	-58	-64	-70	-77
	VERY COLD																
15	16	11	1	-6	-11	-18	-25	-33	-40	-45	-51	-60	-65	-70	-78	-85	-90
	BITTERLY COLD																
20	12	3	-4	-9	-17	-24	-32	-40	-46	-52	-60	-68	-76	-81	-88	-96	-103
25	7	0	-7	-15	-22	-29	-37	-45	-52	-58	-67	-75	-83	-89	-96	-104	-112
	EXTREME COLD																
30	5	-2	-11	-18	-26	-33	-41	-49	-56	-63	-70	-78	-87	-94	-101	-109	-117
35	3	-4	-13	-20	-27	-35	-43	-52	-60	-67	-72	-83	-90	-98	-105	-113	-123
40	1	-4	-15	-22	-29	-36	-45	-54	-62	-69	-76	-87	-94	-101	-107	-116	-128
45	1	-6	-17	-24	-31	-38	-46	-54	-63	-70	-78	-87	-94	-101	-108	-118	-128
50	0	-7	-17	-24	-31	-38	-47	-56	-63	-70	-79	-88	-96	-103	-110	-120	-128

Wind speeds greater than 40 mph have little additional chilling effect.
Source: "Winds Over Iowa", Iowa Department of Agriculture, State Climatology Office.

climate
(annual averages)



(1941-1970)

PRECIPITATION (Inches)	J	F	M	A	M	J	J	A	S	O	N	D	ANNUAL
Northwest	0.59	0.96	1.57	2.35	3.87	4.84	3.59	3.36	3.03	1.76	0.95	0.80	27.69
North Central	0.87	0.94	2.02	2.78	4.18	5.13	4.19	3.56	3.21	1.97	1.20	1.04	31.09
Northeast	1.05	0.91	2.20	3.11	4.13	5.03	4.20	3.54	3.62	2.32	1.58	1.25	32.94
West Central	0.75	0.99	1.88	2.72	4.10	5.30	3.56	3.77	2.96	1.94	1.08	0.83	29.87
Central	1.00	1.00	2.20	3.05	4.30	5.26	3.87	3.66	3.26	2.16	1.34	1.06	32.18
East Central	1.37	1.07	2.37	3.48	3.97	4.94	3.97	3.39	3.74	2.50	1.87	1.54	34.21
Southwest	0.82	0.98	2.07	2.94	4.32	5.59	3.79	4.19	3.66	2.33	1.24	0.93	32.86
South Central	1.16	1.02	2.31	3.33	4.10	5.23	3.70	3.90	3.80	2.43	1.51	1.21	33.69
Southeast	1.45	1.14	2.43	3.62	3.80	4.79	4.02	3.53	3.75	2.72	1.72	1.59	34.56

TOTAL SNOWFALL (Inches)	J	F	M	A	M	J	J	A	S	O	N	D	ANNUAL
Northwest	5.7	7.8	8.8	1.6	0.2	0	0	0	T	0.3	3.9	6.6	34.7
North Central	7.0	7.4	10.6	1.4	0.1	0	0	0	0.1	T	3.5	7.9	38.0
Northeast	7.7	6.2	9.4	0.8	0.1	0	0	0	T	T	2.5	8.2	34.9
West Central	6.8	6.4	8.6	1.3	0.2	0	0	0	T	0.2	3.1	5.9	32.5
Central	6.9	6.6	8.2	0.8	0.1	0	0	0	T	0.1	2.1	6.5	31.3
East Central	7.3	6.0	7.3	0.7	T	0	0	0	T	0.1	1.4	7.4	30.2
Southwest	6.0	5.5	6.7	0.9	0.1	0	0	0	T	0.1	2.0	5.5	26.8
South Central	7.0	5.2	6.6	0.7	T	0	0	0	T	0.1	1.5	6.2	27.3
Southeast	7.1	5.2	6.2	0.4	T	0	0	0	T	0.1	1.2	6.4	26.6

TEMPERATURE (F degrees)	J	F	M	A	M	J	J	A	S	O	N	D	ANNUAL
Northwest	15.8	20.9	31.0	47.3	59.0	68.5	73.1	71.5	61.7	51.7	34.7	21.6	46.4
North Central	15.6	20.3	30.7	47.1	58.8	68.4	72.4	70.8	61.5	51.8	34.8	21.4	46.1
Northeast	17.1	21.4	31.8	47.5	58.3	68.0	72.1	70.6	61.6	51.8	35.6	22.4	46.5
West Central	19.0	24.3	33.8	49.6	60.9	69.9	74.4	72.8	63.5	53.6	37.0	24.6	48.6
Central	19.2	24.0	33.9	49.5	60.7	69.8	74.1	72.4	63.4	53.7	37.4	24.6	48.6
East Central	20.7	25.0	35.1	50.0	60.7	70.1	74.0	72.5	64.0	54.0	38.5	25.8	49.2
Southwest	22.2	27.5	36.6	51.5	62.1	71.0	75.6	73.9	64.9	55.0	39.2	27.3	50.6
South Central	22.3	27.2	36.5	51.3	61.8	70.6	75.1	73.5	64.9	55.3	39.6	27.4	50.5
Southeast	23.1	27.7	37.3	51.9	62.4	71.6	75.7	74.1	65.7	55.8	40.4	28.1	51.2

MEAN DEGREE DAYS	J	F	M	A	M	J	J	A	S	O	N	D	ANNUAL
Northwest	1525	1246	1054	535	231	53	8	19	144	426	909	1345	7,495
North Central	1531	1263	1063	539	231	47	10	23	138	419	906	1352	7,522
Northeast	1485	1232	1029	528	233	46	11	25	135	420	882	1321	7,347
West Central	1426	1150	967	465	185	34	4	14	107	366	840	1252	6,810
Central	1429	1158	964	477	198	34	4	19	111	375	828	1252	6,840
East Central	1373	1130	927	453	190	24	3	14	89	356	795	1215	6,569
Southwest	1327	1059	880	416	165	26	5	10	86	328	774	1169	6,245
South Central	1324	1068	884	419	168	23	2	12	85	323	762	1166	6,236
Southeast	1299	1054	859	402	163	20	0	11	67	310	738	1144	6,067
T=Trace State	1412	1151	959	470	196	34	5	16	107	369	826	1246	679

crime rates[1] selected midwest states, 1979

State	Index Rate	Violent Crime Rate	Property Crime Rate
United States	5,521.5	535.5	4,986.0
Iowa	4,301.2	181.1	4,120.1
Illinois	5,169.2	481.3	4,687.9
Ohio	5,129.8	457.5	4,672.3
Missouri	4,939.8	527.2	4,412.7
Kansas	4,895.8	353.6	4,542.2
Indiana	4,601.4	338.0	4,263.4
Minnesota	4,392.8	221.0	4,171.8
Wisconsin	4,388.0	166.1	4,221.9
Nebraska	3,993.1	225.9	3,767.2
South Dakota	2,959.8	159.1	2,800.7

[1]Reported offenses per 100,000 population.
Source: Iowa Department of Public Safety Research and Development Bureau.

total crimes reported by county, 1978-1979

County	Total Crimes 1978	Total Crimes 1979	Violent Crimes 1978	Violent Crimes 1979	Property Crimes 1978	Property Crimes 1979
Adair	148	109	0	2	148	107
Adams	110	153	1	0	109	153
Allamakee	280	312	1	4	279	308
Appanoose	475	559	7	23	468	536
Audubon	128	147	3	6	125	141
Benton	343	431	14	16	329	415
Blackhawk	8,148	9,528	340	380	7,808	9,148
Boone	805	809	6	5	799	804
Bremer	414	632	15	44	399	588
Buchanan	661	676	8	13	653	663
Buena Vista	529	625	7	11	522	814
Butler	223	245	4	0	219	245
Calhoun	258	254	0	1	258	253
Carroll	410	476	16	24	394	452
Cass	399	386	1	1	398	385
Cedar	236	308	4	5	232	303
Cerro Gordo	3,143	3,099	99	144	3,044	2,955
Cherokee	323	258	5	6	318	252
Chickasaw	204	230	0	4	204	226
Clarke	281	348	1	3	280	245
Clay	740	771	15	11	725	760
Clayton	227	208	10	14	217	194
Clinton	2,615	2,934	76	64	2,539	2,870
Crawford	218	324	7	2	211	322
Dallas	637	706	13	15	624	691
Davis	149	143	1	2	148	141
Decatur	241	208	3	2	238	206
Delaware	340	323	22	21	318	302
Des Moines	2,211	2,359	109	99	2,102	2,260
Dickinson	573	482	4	1	369	481
Dubuque	4,091	4,733	94	107	3,997	4,626
Emmet	242	294	14	3	228	191
Fayette	630	616	40	11	590	605
Floyd	313	391	4	9	309	382
Franklin	202	263	8	5	194	258
Fremont	147	163	9	5	138	158
Greene	252	389	0	2	252	387
Grundy	100	107	5	6	95	101
Guthrie	140	123	6	3	134	120
Hamilton	522	661	8	5	519	656
Hancock	214	199	4	2	210	197
Hardin	525	656	12	16	513	640
Harrison	290	351	3	9	287	342
Henry	244	319	2	4	242	315
Howard	148	197	1	0	147	197
Humboldt	269	250	9	6	260	244
Ida	135	179	3	1	132	178
Iowa	213	208	3	7	210	201
Jackson	303	354	2	3	301	351
Jasper	1,184	1,279	13	26	1,171	1,353
Jefferson	420	502	1	2	419	500
Johnson	4,437	4,734	171	207	4,266	4,527
Jones	295	350	0	0	295	350
Keokuk	185	207	2	2	183	205
Kossuth	390	509	5	0	385	509
Lee	1,949	2,028	30	42	1,919	1,986
Linn	10,423	10,646	399	481	10,024	10,165
Louisa	358	458	9	3	349	455
Lucas	265	357	18	23	247	334
Lyon	63	25	2	0	61	25
Madison	151	207	1	0	150	207
Mahaska	913	855	19	25	894	830
Marion	786	751	18	19	768	732
Marshall	1,442	1,832	40	79	1,402	1,753
Mills	387	496	12	3	375	493
Mitchell	149	166	1	4	148	162
Monona	118	257	1	3	117	254
Monroe	330	357	3	10	327	347
Montgomery	294	395	2	7	292	388
Muscatine	1,463	1,628	28	28	1,435	1,600
O'Brien	286	340	11	1	275	339
Osceola	92	41	4	0	88	41
Page	548	571	7	12	541	559
Palo Alto	303	271	2	13	301	258
Plymouth	335	379	0	8	335	371
Pocahontas	101	133	2	4	99	129
Polk	21,782	23,656	1,402	1,409	20,380	22,247
Pottawattamie	6,216	6,116	366	328	5,850	5,788
Poweshiek	349	425	4	4	345	421
Ringgold	86	118	0	0	86	118
Sac	169	167	3	9	166	158
Scott	8,909	9,344	622	806	8,287	8,538
Shelby	261	299	1	23	260	276
Sioux	190	232	3	10	187	222
Story	2,668	3,319	81	104	2,587	3,215
Tama	353	389	6	15	347	374
Taylor	73	111	0	2	73	109
Union	363	426	11	13	352	413
Van Buren	29	130	2	0	27	130
Wapello	1,249	1,246	26	30	1,223	1,216
Warren	979	1,048	45	52	934	996
Washington	466	480	17	6	449	474
Wayne	108	134	3	4	105	130
Webster	2,298	1,901	18	34	2,280	1,867
Winnebago	277	326	15	17	262	309
Winneshiek	481	495	12	8	469	487
Woodbury	5,619	5,767	198	245	5,421	5,522
Worth	149	188	3	4	146	184
Wright	353	286	14	6	339	280
IOWA	115,348	124,873	4,672	5,258	110,676	119,615

Source: Iowa Uniform Crime Reports-1979, Iowa Department of Public Safety.

crimes reported by county, 1979

County	Violent Crimes				Property Crimes		
	Murder	Rape	Robbery	Assault	Burglary	Larceny	M.V. Theft
Adair	0	0	1	1	33	70	4
Adams	0	0	0	0	37	113	3
Allamakee	0	0	0	4	72	212	24
Appanoose	0	0	3	20	133	377	26
Audubon	0	0	0	6	29	105	7
Benton	0	0	4	12	131	247	37
Black Hawk	6	29	150	195	1,719	7,020	409
Boone	0	0	1	4	162	605	37
Bremer	0	1	0	43	135	425	28
Buchanan	0	1	1	11	251	375	37
Buena Vista	0	1	1	9	74	715	25
Butler	0	0	0	0	107	114	24
Calhoun	0	1	0	0	94	150	9
Carroll	1	0	2	21	101	324	27
Cass	0	1	0	0	97	276	12
Cedar	2	0	2	1	104	177	22
Cerro Gordo	0	8	21	115	683	2,140	132
Cherokee	1	0	0	5	45	186	21
Chickasaw	0	1	0	3	58	155	13
Clarke	0	1	1	1	64	169	12
Clay	0	0	1	10	171	555	34
Clayton	1	0	1	12	32	150	12
Clinton	0	5	19	40	428	2,247	195
Crawford	0	0	0	2	62	245	15
Dallas	1	1	0	13	174	465	52
Davis	0	0	1	1	61	77	3
Decatur	0	0	1	1	34	70	2
Delaware	0	0	0	21	58	220	24
Des Moines	0	3	15	81	323	1,793	144
Dickinson	0	0	0	1	104	350	27
Dubuque	1	5	33	68	682	3,593	351
Emmet	0	1	0	2	50	132	9
Fayette	0	4	1	6	125	446	34
Floyd	0	0	0	9	41	330	11
Franklin	0	0	0	5	66	182	10
Fremont	1	0	0	4	48	94	16
Greene	0	0	0	2	88	281	18
Grundy	0	1	1	4	32	64	5
Guthrie	0	0	1	2	20	93	7
Hamilton	0	2	3	0	125	457	74
Hancock	0	0	0	2	53	128	16
Hardin	0	2	4	10	132	464	44
Harrison	0	0	0	9	124	192	26
Henry	1	0	0	3	113	184	18
Howard	0	0	0	0	18	171	8
Humboldt	0	1	0	5	57	175	12
Ida	0	0	0	1	34	137	7
Iowa	0	0	0	7	55	133	13
Jackson	2	0	0	1	62	269	20
Jasper	0	6	7	13	303	982	68

crimes reported by county, 1979 (continued)

County	Violent Crimes				Property Crimes		
	Murder	Rape	Robbery	Assault	Burglary	Larceny	M.V. Theft
Jefferson	0	0	1	1	90	372	38
Johnson	2	18	26	161	900	3,425	202
Jones	0	0	0	0	59	272	19
Keokuk	0	0	0	2	63	130	12
Kossuth	0	0	0	0	132	358	19
Lee	1	5	17	19	533	1,322	131
Linn	4	28	138	311	2,337	7,102	726
Louisa	0	0	0	3	121	298	36
Lucas	1	0	1	21	63	239	32
Lyon	0	0	0	0	16	8	1
Madison	0	0	0	0	74	121	12
Mahaska	0	1	3	21	230	543	57
Marion	0	2	2	15	224	470	38
Marshall	0	5	17	57	374	1,240	139
Mills	0	0	0	3	116	357	20
Mitchell	0	1	0	3	29	127	6
Monona	0	0	0	3	116	122	16
Monroe	0	1	0	9	108	224	15
Montgomery	0	2	0	5	49	307	32
Muscatine	4	1	7	16	289	1,189	122
O'Brien	0	0	0	1	67	257	15
Osceola	0	0	0	0	7	34	0
Page	0	0	1	11	106	425	28
Palo Alto	0	0	1	12	117	127	14
Plymouth	0	1	0	7	49	300	22
Pocahontas	0	0	0	4	40	85	4
Polk	16	73	525	790	4,704	15,907	1,636
Pottawattamie	6	18	79	225	1,733	3,619	436
Poweshiek	0	0	1	3	112	275	34
Ringgold	0	0	0	0	92	21	5
Sac	0	1	1	7	43	112	3
Scott	8	49	258	491	2,501	5,525	512
Shelby	0	1	3	19	46	207	23
Sioux	0	0	0	10	52	150	20
Story	0	8	6	90	517	2,481	217
Tama	1	0	2	12	114	234	26
Taylor	0	0	1	1	16	88	5
Union	0	0	1	12	146	242	25
Van Buren	0	0	0	0	41	83	6
Wapello	1	1	19	9	399	691	126
Warren	1	4	8	39	266	662	68
Washington	0	0	1	5	127	320	27
Wayne	0	0	1	3	47	72	11
Webster	0	1	14	19	417	1,281	169
Winnebago	0	0	3	14	52	235	22
Winneshiek	0	0	0	8	56	396	35
Woodbury	3	17	44	181	1,034	4,036	452
Worth	0	0	0	4	82	93	9
Wright	0	1	1	4	57	201	22
IOWA	65	319	1,457	3,417	26,767	85,019	7,829

Source: Iowa Uniform Crime Reports-1979, Iowa Dept. of Public Safety.

mineral production, Iowa[1]

Quantity (Short Tons)

	1960	1965	1970	1975	1976	1977	1978	1979
Cement								
Portland	2,276,000	2,565,000	2,396,000	2,225,000	2,440,000	2,645,000	2,743,000	2,511,000
Masonry	57,700	85,000	72,800	62,000	88,000	86,000	91,000	71,000
Clays	1,022,000	1,085,000	1,181,000	959,000	1,559,000	883,000	845,000	843,000
Coal (Bituminous)	1,068,000	1,043,000	987,457	622,000	600,000	500,000	432,000	696,230
Gypsum	1,283,000	1,254,000	1,135,886	1,208,000	1,500,000	1,593,000	1,873,000	1,507,000
Sand and Gravel	14,692,000	18,205,000	21,058,000	15,210,000	14,177,000	16,600,000	17,000,000	18,500,000
Stone	23,185,000	25,891,000	25,305,000	30,360,000	28,170,000	29,183,000	29,900,000	29,611,000

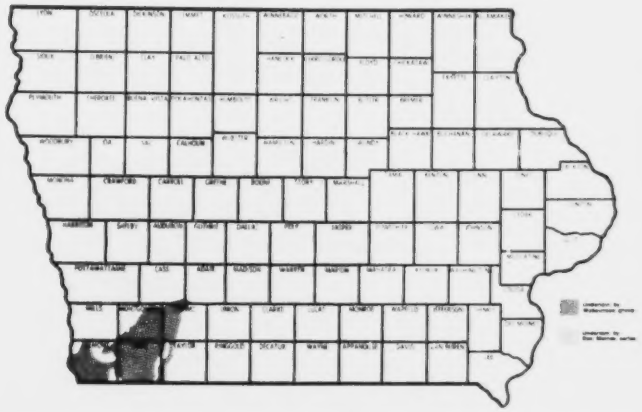
[1]Production is measured by mine shipments, sales, or marketable production (includes consumption by producers).
Source: U.S. Department of the Interior, Bureau of Mines, "Minerals Yearbook, Volume III," 1960; 1965 through 1969; Reprint from 1971 Bureau of Mines, "Minerals Yearbook," Iowa Mines and Minerals Department, 1972 data. 1973-79 data provided by the Iowa Geological Survey.

Iowa coal tonnage

1964	971,977	1972	862,884
1965	1,045,607	1973	601,000
1966	1,025,765	1974	590,000
1967	896,556	1975	622,000
1968	878,366	1976	600,000
1969	902,911	1977	500,000
1970	987,457	1978	432,000
1971	979,086	1979	696,230

Source: Iowa Mines and Mineral Department, "Mineral Production in Iowa." 1974-79 figures provided by the Iowa Geological Survey.

Distribution of Pennsylvania Rock

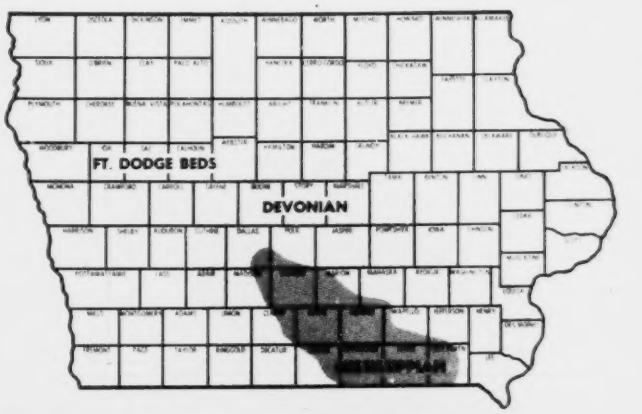


summary of reserves

The estimated original coal reserves of Iowa total 7,236.54 million short tons, of which 3,500.72 million tons is classed as measured and indicated reserves and 3,735.82 million tons is classed as inferred. A total area of about 1,316,040 acres in 37 counties was included in the reserve calculations; an additional area of about 1,291,830 acres in 44 counties is indicated by the currently available information to be favorable for the presence of coal beds more than 14 inches thick.

Source: Coal Resources of Iowa, Technical Paper #4 Iowa Geological Survey, 1965.

Gypsum Resource Areas



mineral production in Iowa by counties[1]

(thousands)

County	1975	1976	Minerals produced in 1976 in order of value
Adair	W	W	Stone.
Adams	W	W	Do.
Allamakee	W	W	Stone, sand and gravel.
Appanoose	W	$ 2,047	Stone, clays, sand and gravel.
Audubon	W	—	
Benton	W	1,188	Stone, sand and gravel.
Black Hawk	W	W	Do.
Boone	$ 1,460	569	Sand and gravel.
Bremer	W	W	Stone, sand and gravel.
Buchanan	W	W	Do.
Buena Vista	48	W	Sand and gravel.
Butler	W	309	Stone, sand and gravel.
Carroll	524	504	Sand and gravel.
Cass	W	W	Stone.
Cedar	W	W	Stone, sand and gravel.
Cerro Gordo	W	W	Cement, stone, clays, sand and gravel.
Cherokee	402	652	Sand and gravel.
Chickasaw	W	342	Stone, sand and gravel.
Clark	W	W	Stone.
Clay	176	160	Sand and gravel.
Clayton	1,760	1,834	Sand and gravel, stone.
Clinton	W	2,204	Stone, sand and gravel.
Crawford	W	W	Sand and gravel.
Dallas	W	W	Sand and gravel, clays.
Davis	W	W	Stone, sand and gravel.
Decatur	W	W	Stone.
Delaware	W	W	Stone, sand and gravel.
Des Moines	W	W	Stone, gypsum, sand and gravel.
Dickinson	219	338	Sand and gravel.
Dubuque	1,458	W	Stone.
Emmett	301	229	Sand and gravel.
Fayette	1,218	1,376	Stone, sand and gravel.
Floyd	610	W	Stone, sand and gravel, clays.
Franklin	W	W	Do.
Fremont	W	W	Stone, sand and gravel.
Greene	305	W	Sand and gravel.
Grundy	W	50	Do.
Guthrie	W	W	Do.
Hamilton	W	W	Sand and gravel, stone.
Hancock	W	W	Stone, sand and gravel, peat.
Hardin	W	3,353	Stone, sand and gravel.
Harrison	W	W	Do.
Henry	W	W	Do.
Howard	W	416	Do.
Humboldt	W	W	Do.
Ida	34	44	Sand and gravel.
Iowa	W	W	Do.
Jackson	W	W	Stone, sand and gravel.
Jasper	W	W	Sand and gravel, stone.
Jefferson	258	W	Stone.
Johnson	2,131	W	Stone, sand and gravel.
Jones	3,031	1,374	Do.
Keokuk	W	W	Stone.
Kossuth	W	84	Sand and gravel.
Lee	W	W	Stone, sand and gravel.
Linn	4,243	3,820	Do.
Louisa	W	W	Stone.
Lucas	W	W	Coal.
Lyon	645	13	Sand and gravel.
Madison	W	W	Stone, clays.
Mahaska	W	W	Coal, sand and gravel, stone.
Marion	W	W	Stone, coal, sand and gravel, gypsum.
Marshall	W	W	Stone, sand and gravel.
Mills	W	W	Stone.
Mitchell	W	W	Stone, sand and gravel.
Monona	495	445	Sand and gravel.
Monroe	W	W	Coal, stone.
Montgomery	W	W	Sand and gravel, stone.
Muscatine	W	W	Do.
O'Brien	247	W	Sand and gravel.
Osceola	W	W	Do.
Page	W	W	Stone, sand and gravel.
Palo Alto	279	348	Sand and gravel.
Plymouth	662	961	Do.
Pocahontas	W	W	Stone, sand and gravel.
Polk	W	W	Cement, sand and gravel, clays.
Pottawattamie	W	W	Stone.
Poweshiek	W	W	Stone.
Sac	635	645	Sand and gravel.
Scott	22,384	25,187	Cement, stone, lime, clays, sand and gravel.
Shelby	W	W	Sand and gravel.
Sioux	1,113	1,257	Do.
Story	W	W	Sand and gravel, stone, clays.
Tama	W	W	Stone, sand and gravel.
Taylor	W	W	Stone.
Union	W	W	Do.
Van Buren	W	W	Stone, sand and gravel.
Wapello	W	W	Sand and gravel, clays, coal.
Warren	W	W	Sand and gravel.
Washington	W	W	Stone.
Webster	W	W	Gypsum, stone, clays, sand and gravel.
Winnebago	436	W	Peat, sand and gravel.
Winneshiek	W	W	Stone, sand and gravel.
Woodbury	202	233	Sand and gravel, clays.
Worth	W	W	Stone, sand and gravel, peat.
Wright	758	405	Sand and gravel.
Undistributed[2]	149,704	165,637	
Total[3]	195,740	216,027	

W Withheld to avoid disclosing company proprietary data; included with "Undistributed."
[1]Calhoun, Ringgold, and Wayne Counties are not listed because no production was reported.
[2]Includes some gem stones that cannot be assigned to specific counties and values indicated by symbol W.
[3]Data may not add to totals shown because of independent rounding.
Source: Bureau of Mines, *Minerals Yearbook*, U.S. Department of the Interior.

bituminous coal production by type of mine and county

1976 Data	Number of mines			Production (Thousand short tons)			Value (Thousands)
	Underground	Strip	Total	Underground	Strip	Total	
Lucas	1	—	1	W	—	W	W
Mahaska	—	5	5	—	254	254	$3965
Marion	—	4	4	—	51	51	718
Monroe	1	—	1	W	—	W	W
Wapello	—	1	1	—	2	2	W
Undistributed	—	—	—	309	—	309	$3668
Total	2	10	12	309	307	616	$8351

W Withheld to avoid disclosing individual company confidential data; included with "Undistributed."
Source: Bureau of Mines, *Minerals Yearbook*, U.S. Department of the Interior.

over half of Iowa's population is urban

The population of the state of Iowa is 2,908,797. The state's largest county, Polk County, has a population of 301,879.

Iowa's 10 largest cities are: Des Moines, 190,910; Cedar Rapids, 110,124; Davenport, 103,036; Sioux City, 81,434; Waterloo, 75,535; Dubuque, 61,932; Council Bluffs, 56,269; Iowa City, 50,489; Ames, 45,820; and Cedar Falls, 36,134.

	The State			Urban				Rural			Percent of total	
	Population	Change From Preceding Census		Places of 2,500 or More	Population	Change From Preceding Census		Population	Change From Preceding Census			
		Number	Percent			Number	Percent		Number	Percent	Urban	Rural
Current urban definition:												
1980 (Apr. 1)	2,908,797	83,756	2.9	123	1,668,612	52,207	3.3	1,240,185	32,214	2.7	57.4	42.6
1970 (Apr. 1)	2,825,041	67,504	2.4	111	1,616,405	153,893	10.5	1,207,971	87,054	6.7	57.2	42.8
1960 (Apr. 1)	2,757,537	136,464	5.2	104	1,462,512	211,574	16.9	1,295,025	75,110	5.5	53.0	47.0
1950 (Apr. 1)	2,621,073	82,805	3.3	93	1,250,938	..	..	1,370,135	..	..	47.7	52.3
Previous urban definition:												
1960 (Apr. 1)	2,757,537	136,464	5.2	104	1,439,525	210,092	17.1	1,318,012	73,628	5.3	52.2	47.8
1950 (Apr. 1)	2,621,073	82,805	3.3	93	1,229,433	145,202	13.4	1,391,640	62,397	4.3	46.9	53.1
1940 (Apr. 1)	2,538,268	67,329	2.7	89	1,084,231	104,939	10.7	1,454,037	37,610	2.5	42.7	57.3
1930 (Apr. 1)	2,470,939	66,918	2.8	81	979,292	103,797	11.9	1,491,647	36,879	2.4	39.6	60.4
1920 (Jan. 1)	2,404,021	179,250	8.1	81	875,495	195,441	28.7	1,528,526	16,191	1.0	36.4	63.6
1910 (Apr. 15)	2,224,771	7,082	0.3	69	680,054	107,668	18.8	1,544,717	114,750	6.9	30.6	69.4
1900 (June 1)	2,231,853	319,556	16.7	70	572,386	166,622	41.1	1,659,467	152,934	10.2	25.6	74.4
1890 (June 1)	1,912,297	287,682	17.7	46	405,764	158,337	64.0	1,506,533	129,345	9.4	21.2	78.8
1880 (June 1)	1,624,615	430,595	36.1	34	247,427	91,100	58.3	1,377,188	339,495	32.7	15.2	84.8
1870 (June 1)	1,194,020	519,107	76.9	22	156,327	96,299	160.4	1,037,693	422,808	68.8	13.1	86.9
1860 (June 1)	674,913	482,699	251.1	9	60,028	50,298	516.9	614,885	432,401	237.0	8.9	91.1
1850 (June 1)	192,214	149,102	345.8	3	9,730	9,730	..	182,484	139,372	323.3	5.1	94.9
1840 (June 1)	43,112[1]	..	..	..	..	..	..	43,112	..	..	..	100.0

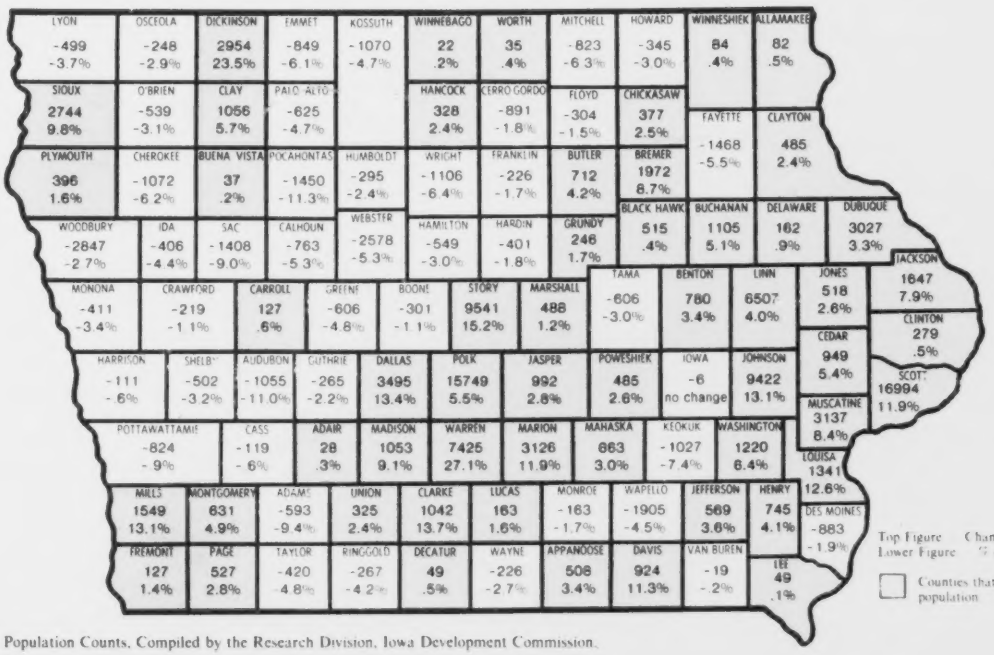
Includes population of area now constituting that part of Minnesota lying west of the Mississippi River and a line drawn from its source northward to the Canadian boundary. This area formed part of Iowa Territory in 1840.
Source: 1980 Preliminary Census figures, compiled by the Research Division, Iowa Development Commission.

population — midwest states, 1980

Midwest States	1980 Population	1970 Population	Percent Change
Illinois	11,326,350	11,113,976	1.9
Iowa	2,908,797	2,825,041	2.9
Kansas	2,355,536	2,249,071	4.7
Minnesota	4,068,856	3,805,069	6.9
Missouri	4,901,678	4,677,399	4.8
Nebraska	1,616,120	1,483,791	8.9
South Dakota	578,153	666,257	15.2

Source: 1980 U.S. Census, Preliminary Figures.

population change — 1970-1980



Source: 1980 Preliminary Population Counts, Compiled by the Research Division, Iowa Development Commission.

population and land area of counties, 1980 and 1970

	1980 Population											
	Land Area in Square Miles, 1980	Total		Urban		Rural	1970 Population			Percent Change, 1970 to 1980		
		Number	Per Square Mile	Total	Percent of Total	Total	Total	Urban	Rural	Total	Urban	Rural
Adair	569	9,515	16.72	—	—	9,515	9,487	—	9,487	.3	—	.3
Adams	426	5,729	13.44	—	—	5,729	6,322	—	6,322	9.4	—	9.4
Allamakee	636	15,050	23.66	3,910	25.98	11,140	14,968	3,883	11,085	.5	.6	.4
Appanoose	523	15,515	29.66	6,569	42.34	8,946	15,007	6,531	8,476	3.4	.5	5.5
Audubon	448	8,540	19.1	2,841	33.3	5,699	9,595	2,907	6,688	11.0	2.2	14.8
Benton	718	23,665	32.96	8,010	33.8	15,655	22,885	7,655	15,230	3.4	4.6	2.8
Black Hawk	568	133,431	234.9	116,454	87.3	16,977	132,916	112,881	20,035	.4	3.2	-15.3
Boone	573	26,169	45.7	12,578	48.1	13,591	26,470	12,468	14,002	1.1	.8	-2.9
Bremer	439	24,709	56.3	7,663	31.0	17,046	22,737	7,205	15,532	8.7	6.4	9.7
Buchanan	568	22,867	40.3	6,383	27.9	16,484	21,762	5,910	15,836	5.1	8.0	4.1
Buena Vista	572	20,730	36.2	8,784	42.4	11,946	20,693	8,591	12,102	.2	2.2	-1.3
Butler	582	17,665	32.9	—	—	17,665	16,953	—	16,953	4.2	—	4.2
Calhoun	571	13,529	23.7	—	—	13,529	14,292	—	14,292	-5.3	—	-5.3
Carroll	574	23,039	40.1	9,353	40.6	13,686	22,912	8,716	14,196	.6	7.4	-3.6
Cass	559	16,888	30.2	7,779	46.1	9,109	17,007	7,306	9,701	-.6	6.5	-6.5
Cedar	585	18,604	31.8	3,054	16.4	15,550	17,655	2,877	14,778	5.4	6.2	5.2
Cerro Gordo	575	48,332	84.1	37,549	77.7	10,773	49,223	36,921	12,414	-1.8	1.7	-15.2
Cherokee	573	16,197	28.3	6,996	43.2	9,201	17,269	7,272	9,997	-6.2	-3.8	-7.9
Chickasaw	505	15,346	30.4	3,923	25.6	11,423	14,969	3,621	11,348	2.5	8.3	.6
Clarke	429	8,623	20.1	3,756	43.56	4,867	7,581	3,124	4,457	13.7	20.2	9.2
Clay	570	19,520	34.2	11,670	59.8	7,850	18,464	10,278	8,186	5.7	13.5	-4.1
Clayton	779	21,091	27.1	—	—	21,091	20,606	—	20,606	2.4	—	2.4
Clinton	693	57,028	82.3	42,003	73.6	15,025	56,749	41,836	14,913	.5	.3	.7
Crawford	716	18,897	26.4	6,668	35.3	12,229	19,116	5,882	12,898	-1.1	13.4	-5.1
Dallas	597	29,580	49.54	9,919	33.5	19,661	26,085	6,906	19,179	13.4	43.6	2.5
Davis	509	9,131	17.9	2,850	31.2	6,281	8,207	2,718	5,489	11.3	4.8	14.4
Decatur	530	9,786	18.46	2,699	27.58	7,087	9,737	2,540	7,197	.5	.6	1.5
Delaware	572	18,932	33.1	4,938	26.1	13,994	18,770	4,714	14,056	.9	6.4	-.4
Des Moines	408	46,099	113.0	32,813	71.2	13,286	46,982	35,505	11,477	-1.9	-7.6	15.8
Dickinson	380	15,519	40.8	3,990	25.7	11,529	12,565	3,014	9,551	23.5	32.4	20.1

population and land area of counties, 1980 and 1970 (continued)

	1980 Population						1970 Population			Percent Change, 1970 to 1980		
	Land Area in Square Miles, 1980	Total		Urban		Rural						
		Number	Per Square Mile	Total	Percent of Total	Total	Total	Urban	Rural	Total	Urban	Rural
Dubuque	612	93,636	153.0	65,594	70.1	28,042	90,609	66,506	24,103	3.3	-1.4	16.3
Emmet	394	13,160	33.4	7,340	55.8	5,820	14,009	8,108	5,901	-6.1	-9.4	-1.4
Fayette	728	25,430	34.9	10,322	40.6	15,108	26,898	10,359	16,539	-5.5	-.4	-8.6
Floyd	503	19,556	38.9	8,769	44.8	10,787	19,860	9,268	10,592	-1.5	-5.1	1.8
Franklin	586	13,029	22.2	4,618	35.4	8,411	13,255	4,376	8,879	-1.7	5.5	-5.5
Freemont	524	9,409	17.9	—	—	9,409	9,282	—	9,282	1.4	—	1.4
Greene	569	12,110	21.28	4,852	40.0	7,258	12,716	4,735	7,981	-4.8	2.4	-9.0
Grundy	501	14,365	28.7	2,879	20.0	11,486	14,119	2,712	11,407	1.7	6.1	.6
Guthrie	596	11,978	20.4	—	—	11,978	12,243	—	12,243	-2.2	—	2.2
Hamilton	577	17,834	30.9	8,571	48.1	9,263	18,383	8,488	9,895	-3.0	.9	-6.4
Hancock	570	13,834	24.3	2,911	21.0	10,923	13,506	115	13,112	2.4	28.9	-2.9
Hardin	574	21,847	38.1	9,320	42.7	12,527	22,248	9,677	12,571	-1.8	-3.7	-.3
Harrison	696	16,351	23.5	3,113	19.0	13,238	16,240	3,519	12,721	.6	-11.5	4.1
Henry	440	18,859	42.9	7,311	38.8	11,548	18,114	7,007	11,107	4.1	4.3	4.0
Howard	471	11,097	23.6	3,862	34.8	7,235	11,442	3,927	7,515	-3.0	-1.7	-3.7
Humboldt	435	12,224	28.1	4,796	39.2	7,428	12,519	4,665	7,854	-2.4	2.2	-5.4
Ida	431	8,877	20.6	—	—	8,877	9,283	—	9,190	-4.4	—	-4.4
Iowa	584	15,413	26.4	—	—	15,413	15,419	—	15,419	—[1]	—[1]	—[1]
Jackson	644	22,486	34.9	6,266	27.9	16,220	20,839	5,677	15,162	7.9	10.4	7.0
Jasper	737	36,417	49.8	14,768	40.5	21,649	35,425	15,619	19,806	2.8	-5.4	9.3
Jefferson	436	16,343	37.5	9,474	58.0	6,869	15,774	8,715	7,059	3.6	8.7	-2.3
Johnson	619	81,549	131.7	65,885	80.0	15,664	72,127	52,980	19,147	13.1	24.4	-18.2
Jones	585	20,386	34.8	8,593	42.1	11,793	19,868	7,898	11,970	2.6	8.8	1.5
Keokuk	579	12,916	22.3	—	—	12,916	13,943	—	13,943	-7.4	—	-7.4
Kossuth	979	21,867	22.3	6,289	28.8	15,578	22,937	6,032	16,905	-4.7	4.3	-7.8
Lee	527	43,045	81.7	27,008	62.7	16,037	42,996	28,627	14,369	.1	-5.6	11.6
Linn	717	169,720	236.7	137,762	81.1	31,958	163,213	135,026	28,187	4.0	2.0	13.6
Louisa	403	12,023	29.8	—	—	12,023	10,682	—	10,682	12.6	—	12.6
Lucas	434	10,326	23.8	5,002	48.44	5,324	10,163	5,009	5,154	1.6	—[1]	3.2
Lyon	588	12,841	21.8	2,687	20.9	10,154	13,340	2,632	10,708	-3.7	2.1	-5.2
Madison	564	12,611	22.4	4,019	31.9	8,592	11,558	3,654	7,904	9.1	9.9	8.7
Mahaska	572	22,840	39.93	10,971	48.0	11,929	22,177	11,224	10,953	3.0	-2.3	8.9
Marion	498	29,478	59.2	16,332	55.4	13,146	26,352	14,423	11,929	11.9	13.2	10.2
Marshall	574	41,564	72.4	26,852	64.6	14,712	41,076	26,219	14,857	1.2	2.4	-.9
Mills	447	13,381	29.9	5,271	39.4	8,110	11,832	4,195	7,411	13.1	25.6	9.4
Mitchell	467	12,285	26.3	3,707	30.2	8,578	13,108	3,815	9,293	-6.3	-2.8	-7.7
Monona	699	11,658	16.7	3,267	28.1	8,391	12,069	3,154	8,915	-3.4	3.6	-5.9
Monroe	435	9,194	21.1	4,175	45.4	5,019	9,357	4,151	5,206	-1.7	.5	-3.6
Montgomery	422	13,412	31.8	6,803	50.7	6,609	12,781	6,210	6,571	4.9	9.5	5.7
Muscatine	443	40,318	91.0	26,116	64.7	14,202	37,181	22,405	14,776	8.4	16.6	-3.8
O'Brien	575	16,983	29.5	5,007	29.5	11,976	17,522	4,535	12,987	-3.1	10.4	-7.8
Osceola	398	8,307	20.9	3,037	36.6	5,270	8,555	2,749	5,806	-2.9	10.5	-9.2
Page	535	19,064	35.6	11,736	61.6	7,328	18,537	11,388	7,119	2.8	3.1	2.9
Palo Alto	561	12,664	22.8	4,616	36.4	8,048	13,289	4,150	9,139	-4.7	11.3	-11.9
Plymouth	863	24,718	28.6	8,268	33.4	16,450	24,322	8,159	16,153	1.6	1.3	1.8
Pocahontas	581	11,343	19.5	—	—	11,343	12,793	—	12,729	-11.3	—	-11.3
Polk	578	301,879	522.2	268,566	88.9	33,313	286,130	265,764	20,337	5.5	1.1	6.4
Pottawattamie	963	86,167	89.5	59,689	69.3	26,478	86,991	64,847	22,144	-.9	-7.9	19.6
Poweshiek	589	19,288	32.7	8,864	45.9	10,424	18,803	8,402	10,401	2.6	5.5	-.2
Ringgold	538	6,106	11.35	—	—	6,106	6,373	—	6,373	-4.2	—	-4.2
Sac	578	14,165	24.5	2,993	21.1	11,172	15,573	3,268	12,305	-9.0	-8.4	-9.2
Scott	454	159,681	351.7	132,573	83.0	27,108	142,687	126,295	16,392	11.9	4.7	65.4
Shelby	587	15,026	25.6	5,357	35.7	9,669	15,528	5,049	10,479	-3.2	6.1	-7.7
Sioux	766	30,740	40.1	19,584	63.7	11,156	27,996	9,811	18,185	9.8	99.6	-63.0
Story	568	72,324	127.33	51,732	71.52	20,592	62,783	44,457	18,326	15.2	16.4	12.3
Tama	720	19,541	27.1	5,414	27.7	14,127	20,147	3,000	17,147	-3.0	80.5	-17.6
Taylor	528	8,370	15.85	—	—	8,370	8,790	—	8,790	-4.8	—	-4.8
Union	425	13,882	32.66	8,445	60.8	5,437	13,557	8,234	5,323	2.4	2.6	2.1
Van Buren	487	8,624	17.7	—	—	8,624	8,643	—	8,643	-.2	—	-.2
Wapello	437	40,244	92.1	27,354	67.9	12,890	42,149	29,610	12,539	-4.5	-8.2	2.7
Warren	558	34,857	62.5	13,906	39.9	20,951	27,432	10,917	16,515	27.1	25.3	26.8
Washington	568	20,187	35.5	6,554	32.5	13,633	18,967	6,317	12,650	6.4	3.9	7.7
Wayne	532	8,179	15.37	—	—	8,179	8,405	—	8,405	-2.7	—	-2.7
Webster	718	45,813	63.8	29,280	63.9	16,533	48,391	31,263	17,128	-5.3	-6.3	-3.5
Winnebago	401	13,019	32.5	4,269	32.8	8,750	12,990	3,726	9,264	.2	14.6	-5.5
Winneshiek	688	21,842	31.7	7,987	36.6	13,855	21,758	7,458	14,300	.4	7.1	-3.1
Woodbury	871	100,205	115.0	81,434	81.3	18,771	103,052	87,157	15,895	-2.7	-6.5	18.1
Worth	400	9,019	22.5	—	—	9,019	8,984	—	8,984	.4	—	.4
Wright	577	16,188	28.1	7,278	45.0	8,910	17,294	7,461	9,833	-6.4	-2.4	-9.3

[1]No change.
Source: 1980 Preliminary Census figures, compiled by Research Division, Iowa Development Commission.

population projections for Iowa, 1980-2000

Age Group	1970	1980	1985	1990	1995	2000
TOTAL	2,825,368	2,915,157	2,992,674	3,073,741	3,138,416	3,186,073
0-4	233,334	218,315	248,441	255,253	243,162	230,212
5-9	280,339	216,583	216,672	246,590	253,363	241,379
10-14	293,714	228,119	214,303	214,405	244,013	250,721
15-19	273,753	267,884	222,400	208,913	209,035	237,904
20-24	203,800	274,992	258,298	214,432	201,431	201,544
25-29	167,626	258,295	268,741	252,428	209,551	196,834
30-34	147,356	199,631	255,054	265,360	249,254	206,917
35-39	142,015	164,666	196,882	251,516	261,680	245,771
40-44	155,091	143,734	162,209	193,969	247,771	257,806
45-49	158,304	136,727	140,814	158,964	190,175	242,913
50-54	152,894	145,952	132,866	136,910	154,620	185,069
55-59	140,666	145,557	139,810	127,352	131,298	148,355
60-64	127,212	135,374	136,297	131,007	119,474	123,277
65-69	107,815	117,318	122,542	123,503	118,832	108,580
70-74	92,932	97,414	101,474	106,287	107,262	103,357
75 plus	148,517	164,596	175,871	186,852	197,495	205,434
MALE						
TOTAL	1,373,358	1,408,922	1,445,704	1,485,221	1,517,167	1,540,800
0-4	119,511	111,649	127,099	130,594	124,413	117,790
5-9	143,063	110,626	110,730	126,058	129,527	123,416
10-14	149,976	116,509	109,233	109,337	124,478	127,907
15-19	137,658	135,301	112,647	105,598	105,714	120,353
20-24	95,605	137,856	129,195	107,562	100,821	100,930
25-29	83,014	128,645	134,681	126,210	105,071	98,475
30-34	72,661	94,203	127,194	133,150	124,777	103,868
35-39	68,996	81,268	92,732	125,193	131,059	122,804
40-44	76,560	70,589	79,861	91,130	123,040	128,808
45-49	77,256	65,972	68,869	77,938	88,957	120,123
50-54	74,164	145,952	132,866	136,910	154,620	185,069
55-59	68,260	69,369	67,181	60,250	62,976	71,360
60-64	60,394	63,034	63,560	61,624	55,320	57,903
65-69	48,657	52,968	54,786	55,299	53,706	48,290
70-74	39,873	41,319	42,988	44,578	45,066	43,862
75 plus	57,710	58,595	61,307	64,234	66,986	68,983
FEMALE						
TOTAL	1,452,010	1,506,235	1,546,970	1,588,520	1,621,249	1,645,273
0-4	113,823	106,666	121,342	124,659	118,749	112,422
5-9	137,276	105,957	105,942	120,532	123,836	117,963
10-14	143,738	111,610	105,070	105,068	119,535	122,814
15-19	136,095	132,583	109,753	103,315	103,321	117,551
20-24	108,195	137,136	129,103	106,870	100,610	100,614
25-29	84,612	129,650	105,428	126,218	104,480	98,359
30-34	74,695	139,060	127,860	132,210	124,477	103,049
35-39	73,019	83,398	104,150	126,323	130,621	122,967
40-44	78,531	73,145	82,348	102,839	124,731	128,998
45-49	81,048	70,755	71,945	81,026	101,218	122,790
50-54	78,730	74,933	69,225	70,444	79,364	99,141
55-59	72,406	76,188	72,629	67,102	68,322	76,995
60-64	66,818	72,340	72,737	69,383	64,154	65,374
65-69	59,158	64,350	67,756	68,204	65,126	60,290
70-74	53,059	56,095	58,486	61,709	62,196	59,495
75 plus	90,807	106,001	114,564	122,618	130,509	136,451

Source: Office of Planning and Programming for Iowa.

population projections for Iowa counties, 1980-2000

County	1980	1985	1990	1995	2000
Adair	9,634	9,929	10,245	10,459	10,616
Adams	6,141	6,168	6,193	6,150	6,068
Allamakee	16,222	17,211	18,233	19,113	19,882
Appanoose	15,299	15,629	15,967	16,236	16,460
Audubon	9,143	9,171	9,214	9,147	9,021
Benton	23,953	24,810	25,688	26,336	26,731
Black Hawk	139,415	143,098	146,357	148,627	150,065
Boone	26,002	26,001	25,968	25,812	25,559
Bremer	24,463	25,309	26,096	26,716	27,123
Buchanan	22,961	24,024	25,248	26,351	27,255
Buena Vista	20,110	20,105	20,098	19,955	19,717
Butler	17,118	17,412	17,720	17,948	18,116
Calhoun	13,606	13,547	13,512	13,376	13,184
Carroll	23,900	24,991	26,219	27,235	28,049
Cass	17,265	17,599	17,916	18,111	18,227
Cedar	17,687	17,918	18,140	18,234	18,213
Cerro Gordo	48,154	48,194	48,178	47,851	47,339
Cherokee	16,306	16,223	16,242	16,205	16,134
Chickasaw	15,424	16,074	16,902	17,641	18,193
Clarke	8,164	8,616	9,067	9,438	9,758
Clay	19,549	20,353	21,066	21,510	21,735
Clayton	20,423	20,761	21,192	21,532	21,801
Clinton	58,638	60,426	62,361	63,939	65,097
Crawford	18,399	18,424	18,612	18,780	18,864
Dallas	28,816	30,590	32,480	34,203	35,603
Davis	8,717	9,106	9,432	9,678	9,903
Decatur	9,675	9,689	9,691	9,668	9,634
Delaware	19,201	19,958	20,948	21,843	22,555
Des Moines	45,553	45,402	45,417	45,306	44,970
Dickinson	14,937	16,392	17,799	18,980	19,958
Dubuque	95,290	98,955	103,386	107,677	111,332
Emmet	13,803	13,907	14,018	14,068	14,093
Fayette	24,992	24,541	24,240	23,927	23,584
Floyd	20,116	20,543	21,011	21,360	21,599
Franklin	13,259	13,490	13,712	13,791	13,786
Fremont	9,091	9,137	9,187	9,199	9,188
Greene	11,960	11,848	11,798	11,712	11,604
Grundy	13,874	13,913	13,957	13,899	13,737
Guthrie	12,338	12,625	12,931	13,120	13,238
Hamilton	17,571	17,468	17,399	17,236	17,006
Hancock	13,667	14,003	14,321	14,526	14,661
Hardin	21,460	21,394	21,352	21,245	21,074
Harrison	16,466	16,936	17,444	17,832	18,150
Henry	17,703	17,691	17,771	17,871	17,939
Howard	11,109	11,258	11,472	11,610	11,693
Humboldt	12,373	12,568	12,777	12,856	12,845
Ida	8,788	8,773	8,787	8,757	8,674
Iowa	15,458	15,739	16,042	16,257	16,390
Jackson	23,343	25,101	26,964	28,659	30,175
Jasper	36,310	37,127	37,911	38,388	38,598
Jefferson	14,581	14,138	13,751	13,404	13,079

population projections for Iowa counties, 1980-2000 (continued)

County	1980	1985	1990	1995	2000
Johnson	81,468	85,730	89,777	93,393	96,867
Jones	19,856	20,146	20,511	20,794	20,997
Keokuk	13,081	12,937	12,854	12,739	12,606
Kossuth	22,830	23,390	24,070	24,543	24,836
Lee	42,880	43,347	43,862	44,147	44,229
Linn	168,041	170,854	174,217	177,205	178,969
Louisa	11,299	11,680	12,068	12,384	12,558
Lucas	10,141	10,324	10,524	10,672	10,802
Lyon	13,144	13,398	13,750	14,045	14,299
Madison	12,615	13,378	14,090	14,637	15,051
Mahaska	22,540	22,767	22,920	22,973	22,965
Marion	28,941	30,233	31,317	32,126	32,621
Marshall	43,236	44,660	46,117	47,323	48,192
Mills	12,792	13,275	13,682	13,953	14,108
Mitchell	12,655	12,806	13,041	13,163	13,187
Monona	11,931	12,088	12,244	12,323	12,404
Monroe	9,358	9,522	9,681	9,768	9,827
Montgomery	12,955	13,235	13,506	13,681	13,817
Muscatine	39,482	41,063	42,770	44,282	45,499
O'Brien	17,256	17,466	17,716	17,817	17,794
Osceola	8,168	8,219	8,294	8,318	8,333
Page	18,779	19,115	19,361	19,477	19,569
Palo Alto	13,335	13,673	14,040	14,300	14,493
Plymouth	24,269	24,657	25,133	25,468	25,658
Pocahontas	11,553	11,307	11,145	10,945	10,737
Polk	305,006	315,636	325,652	333,666	339,767
Pottawattamie	86,680	87,906	89,419	90,450	91,009
Poweshiek	19,490	19,939	20,331	20,561	20,648
Ringgold	6,240	6,277	6,292	6,269	6,227
Sac	14,582	14,443	14,356	14,196	14,004
Scott	159,037	168,903	179,412	189,025	196,953
Shelby	15,043	15,182	15,430	15,572	15,606
Sioux	29,628	30,793	31,965	32,906	33,581
Story	72,765	76,941	80,580	84,002	87,485
Tama	20,012	20,326	20,678	20,937	21,124
Taylor	8,060	7,851	7,679	7,498	7,319
Union	13,296	13,342	13,427	13,476	13,469
Van Buren	8,548	8,654	8,796	8,880	8,893
Wapello	40,610	40,271	39,922	39,428	38,869
Warren	36,691	42,087	47,810	53,287	58,124
Washington	18,807	19,341	19,349	19,543	19,634
Wayne	8,168	8,161	8,114	8,009	7,910
Webster	46,778	46,694	46,734	46,552	46,138
Winnebago	13,668	14,007	14,270	14,424	14,480
Winneshiek	21,535	21,637	21,813	21,935	21,953
Woodbury	103,877	105,279	106,724	107,795	108,661
Worth	8,885	8,993	9,104	9,146	9,151
Wright	16,719	16,756	16,762	16,609	16,375
State	2,915,157	2,992,674	3,073,741	3,138,416	3,186,073

Source: Office of Planning and Programming for Iowa.

summary of places, 2500 or more inhabitants

Places	1980 Population	Percent Change 1970-80
Adel	2,848	17.7
Albia	4,175	.6
Algona	6,289	4.3
Altoona	5,769	100.1
Ames	45,820	16.0
Anamosa	4,949	12.8
Ankeny	15,410	68.4
Atlantic	6,296	-13.8
Audubon	2,841	2.3
Belle Plaine	2,907	5.6
Belmond	2,504	6.2
Bettendorf	27,377	23.7
Bloomfield	2,850	4.9
Boone	12,578	9
Burlington	29,440	9.0
Camanche	4,720	36.1
Carlisle	3,084	37.3
Carroll	9,353	7.3
Carter Lake	3,420	4.7
Cedar Falls	36,134	22.1
Cedar Rapids	110,124	-.5
Centerville	6,569	.6
Chariton	5,002	.1
Charles City	8,769	-5.4
Cherokee	6,996	-3.8
Clarinda	5,452	.6
Clarion	2,966	-.2
Clear Lake	7,449	15.8
Clinton	32,779	-5.6
Clive	6,120	103.0
Coralville	7,698	25.6
Council Bluffs	56,269	-6.8
Cresco	3,862	-1.7
Creston	8,445	2.6
Davenport	103,036	4.6
Decorah	7,987	10.4
Denison	6,668	7.2
Des Moines	190,910	-5.2
DeWitt	4,503	23.5
Dubuque	61,932	*
Dyersville	3,815	11.0
Eagle Grove	4,312	-3.0
Eldridge	3,278	113.6
Eldora	3,152	-2.2
Emmettsburg	4,616	11.2
Estherville	7,340	-9.5
Evansdale	4,785	5.0
Fairfield	9,474	8.7
Forest City	4,269	11.1
Fort Dodge	29,280	-6.3
Fort Madison	13,496	3.6
Garner	2,911	29.0
Glenwood	5,271	19.2
Grinnell	8,864	5.5
Grundy Center	2,840	4.7
Harlan	5,357	6.1
Hampton	4,618	5.5
Hawarden	2,719	-2.5
Hiawatha	4,809	99.0
Humboldt	4,796	2.8
Independence	6,383	8.0
Indianola	10,822	22.3
Iowa City	50,489	7.8
Iowa Falls	6,168	-4.4
Jefferson	4,852	2.5
Johnston	2,545	1046.4
Keokuk	13,512	-7.6
Knoxville	7,086	4.3
Lamoni	2,699	6.3
LeClaire	2,882	14.4
LeMars	8,268	1.3
Manchester	4,938	6.4
Maquoketa	6,266	10.4
Marion	19,508	8.2
Marshalltown	26,852	2.4
Mason City	30,100	-.9
Missouri Valley	3,113	-11.5
Monticello	3,644	1.0
Mount Pleasant	7,311	4.3
Mount Vernon	3,321	10.0
Muscatine	23,395	4.4
Nevada	5,912	19.4
New Hampton	3,923	8.3
Newton	15,286	-2.1
Norwalk	2,674	53.2
Oelwein	7,551	-2.4
Onawa	3,267	3.6
Orange City	4,557	27.6
Osage	3,707	-2.8
Osceola	3,756	-20.2
Oskaloosa	10,971	-2.3
Ottumwa	27,354	-7.6
Pella	8,246	23.7
Perry	7,071	2.4
Pleasant Hill	3,489	127.3
Red Oak	6,803	9.5
Rock Rapids	2,687	2.1
Rock Valley	2,698	22.4
Sac City	2,993	-8.4
Sheldon	5,007	10.4
Shenandoah	6,284	5.3
Sibley	3,037	10.5
Sioux Center	4,603	33.4
Sioux City	81,434	-5.2
Spencer	11,670	13.5
Spirit Lake	3,990	32.4
Storm Lake	8,784	2.2
Story City	2,761	31.2
Tama	2,974	-.9
Tipton	3,054	6.2
Urbandale	17,854	23.7
Vinton	5,043	4.1
Washington	6,623	4.8
Waterloo	75,535	*
Waukon	3,970	2.2
Waverly	7,663	6.4
Webster City	8,571	1.0
West Burlington	3,373	7.5
West Des Moines	21,892	33.2
West Liberty	2,721	18.5
West Union	2,771	5.6
Windsor Heights	4,577	-27.4
Winterset	4,019	10.0

*Indicates no change in population from 1970-80.

Source: 1980 U.S. Census Preliminary Figures. Compiled by Research Division, Iowa Development Commission.

Iowa's 100 fastest growing places increase in population by 25% or more

Places (Ranked)	1970-80 % Change
Johnston	1,046.4
Asbury	389.0
De Soto	179.1
Bondurant	176.8
Wahpeton	151.0
Grimes	138.0
Pleasant Hill	127.3
Long Grove	121.2
Polk City	115.1
Eldridge	113.6
Peosta	110.5
Sargeant Bluff	107.0
Clive	103.7
Huxley	101.3
Altoona	100.1
Hiawatha	99.0
Plainview	95.7
North Liberty	94.6
Crescent	91.9
Shueyville	86.4
Millville	85.2
Treynor	74.4
Swan	73.2
Mc Causland	68.6
Ankeny	68.4
Lakeside	66.9
Le Grand	64.2
Van Meter	61.2
Beacon	56.5
Swisher	56.4
West Okoboji	55.7
Gilbert	54.9
Ely	54.2
Okoboji	53.7
Norwalk	53.2
Princeton	52.1
Freemont	51.9
Bronson	48.2
Atalissa	47.5
Hudson	46.8
Luxemburg	46.5
Waukee	43.9
Walcott	43.6
Dakota City	43.2
Bankston	42.9
Ridgeway	41.7
Martensdale	41.5
Denver	41.4
Montrose	41.2
Jesup	40.8
Westphalia	40.5
Badger	40.4
Hazelton	40.3
West Branch	39.9
Readlyn	39.3
Meriden	38.9
Milo	38.5
Donahue	38.0
Tiffin	37.8
Orleans	37.6
Carlisle	37.3
Cammanche	36.1
Vining	35.2
Mediapolis	35.0
Barnum	34.7
Hinton	34.6
Balltown	34.2
Packwood	33.8
Colo	33.7
Blue Grass	33.6
Monroe	33.6
Sioux Center	33.4
Fredonia	33.3
Wilton	33.3
West Des Moines	33.2
Westfield	33.1
Spragueville	33.0
Parnell	32.6
Grandview	32.5
Spirit Lake	32.4
Cushing	32.4
Kirkman	31.9
Dolliver	31.6
Williamsburg	31.5
North Buena Vista	31.4
Story City	31.2
Hartford	30.6
Willey	30.6
Drakesville	30.1
Stanton	30.1
Superior	30.1
Essex	29.9
Ionia	29.3
New Sharon	29.1
Floris	29.0
Garner	29.0
Dunkerton	28.8
Orient	28.7
West Gate	28.4
Newhall	28.2

Source: Compiled by Research Division, Iowa Development Commission from preliminary 1980 Census data.

1980 population for Iowa's counties, cities and towns[1]

	1980	1970
ADAIR COUNTY	9,515	9,487
Adair	891	750
Bridgewater	233	188
Casey	472	561
Fontanelle	804	752
Greenfield	2,244	2,212
Orient	417	324
Stuart	1,649	1,354
ADAMS COUNTY	5,729	6,322
Carbon	110	135
Corning	1,939	2,095
Lenox	1,338	1,215
Nodaway	187	176
Prescott	349	305
ALLAMAKEE COUNTY	15,050	14,968
Harpers Ferry	257	227
Lansing	1,177	1,227
New Albion	608	644
Postville	1,465	1,546
Waterville	156	158
Waukon	3,910	3,883
APPANOOSE COUNTY	15,515	15,007
Centerville	6,569	6,531
Cincinnati	598	570
Exline	214	224
Moravia	706	699
Moulton	766	763
Mystic	679	696
Numa	206	165
Plano	111	109
Rathbun	93	113
Udell	77	71
Unionville	150	161
AUDUBON COUNTY	8,540	9,595
Audubon	2,841	2,907
Brayton	168	151
Exira	980	966
Gray	100	145
Kimballton	363	343
BENTON COUNTY	23,665	22,885
Atkins	678	581
Belle Plaine	2,967	2,810
Blairstown	701	612
Garrison	405	383
Keystone	611	549
Luzerne	114	134
Mount Auburn	188	200
Newhall	889	701
Norway	625	554
Shellsburg	771	740
Urbana	573	552
Van Horne	690	613
Vinton	5,043	4,845
Walford	285	286
BLACK HAWK COUNTY	133,431	132,916
Cedar Falls	36,134	29,597
Dunkerton	725	563
Elk Run Heights	1,172	1,175
Evansdale	4,785	5,038
Gilbertville	744	655
Hudson	2,253	1,535
Janesville	840	741
LaPorte	2,311	2,319
Raymond	654	582
Washburn	1,159	1,408
Waterloo	75,535	75,533
BOONE COUNTY	26,169	26,470
Beaver	85	113
Berkley	49	56
Boone	12,578	12,468
Boxholm	268	242
Fraser	139	143
Luther	155	189
Madrid	2,291	2,448
Ogden	1,956	1,661
Pilot Mound	225	214
BREMER COUNTY	24,709	22,737
Denver	1,653	1,169
Frederika	224	190
Janesville	840	741
Plainfield	466	446
Readlyn	858	616
Sumner	2,334	2,174
Tripoli	1,279	1,345
Waverly	7,663	7,205
BUCHANAN COUNTY	22,867	21,762
Aurora	241	229
Brandon	338	432
Fairbank	981	810
Hazelton	878	626
Independence	6,383	5,910
Jesup	2,340	1,662
Lamont	554	498
Quasqueton	592	464
Rowley	276	241
Stanley	156	151
Winthrop	764	750

	1980	1970
BUENA VISTA COUNTY	20,730	20,693
Albert City	820	683
Alta	1,717	1,717
Lakeside	589	353
Linn Grove	206	240
Marathon	444	447
Newell	909	877
Rembrandt	290	250
Sioux Rapids	894	813
Storm Lake	8,784	8,591
Truesdale	127	132
BUTLER COUNTY	17,665	16,953
Allison	1,134	1,071
Aplington	1,030	936
Aredale	89	126
Bristow	250	230
Clarksville	1,430	1,360
Dumont	813	724
Greene	1,327	1,363
New Hartford	764	690
Parkersburg	1,982	1,631
Shell Rock	1,471	1,159
CALHOUN COUNTY	13,529	14,292
Farnhamville	461	393
Jolley	91	112
Knierim	125	131
Lake City	2,008	1,910
Lohrville	519	553
Lytton	376	378
Manson	1,925	1,993
Pomeroy	897	765
Rinard	97	88
Rockwell City	2,274	2,396
Somers	218	197
Yetter	52	52
CARROLL COUNTY	23,039	22,912
Arcadia	454	414
Breda	500	518
Carroll	9,353	8,716
Coon Rapids	1,449	1,381
Dedham	321	325
Glidden	1,076	964
Halbur	230	235
Lanesboro	196	203
Lidderdale	192	173
Manning	1,600	1,656
Ralston	103	128
Templeton	320	312
Willey	94	72
CASS COUNTY	16,888	17,007
Anita	1,153	1,101
Atlantic	7,779	7,306
Cumberland	351	385
Griswold	1,164	1,181
Lewis	496	526
Marne	161	187
Massena	517	433
Wiota	181	171
CEDAR COUNTY	18,604	17,655
Bennett	454	385
Clarence	1,001	915
Durant	1,583	1,472
Lowden	717	667
Mechanicsville	1,163	989
Stanwood	704	642
Tipton	3,054	2,877
West Branch	1,849	1,322
CERRO GORDO COUNTY	48,332	49,223
Clear Lake	7,449	6,430
Doughterty	126	133
Mason City	30,100	30,379
Meservey	322	354
Plymouth	463	461
Rock Falls	148	150
Rockwell	1,048	923
Swaledale	187	222
Thorton	433	410
Ventura	607	543
CHEROKEE COUNTY	16,197	17,269
Aurelia	1,141	1,065
Cherokee	6,996	7,272
Cleghorn	274	274
Larrabee	169	167
Marcus	1,199	1,272
Meriden	232	167
Quimby	423	395
Washta	320	319
CHICKASAW COUNTY	15,346	14,969
Alta Vista	314	283
Bassett	122	152
Fredicksburg	1,071	912
Ionia	349	270
Lawler	534	513
Nashua	1,833	1,712
North Hampton	3,923	3,621
North Washington	141	134

	1980	1970
CLARKE COUNTY	8,623	7,581
Murray	711	620
Osceola	3,756	3,124
Woodburn	207	186
CLAY COUNTY	19,520	18,464
Dickens	291	240
Everly	348	699
Fostoria	261	219
Gillett Grove	93	98
Greenville	122	117
Peterson	464	469
Royal	523	469
Spencer	11,670	10,278
Webb	221	234
CLAYTON COUNTY	21,091	20,606
Clayton	67	113
Edgewood	374	786
Elkader	1,689	1,592
Elkport	98	87
Farmersburg	279	232
Garber	140	148
Garnavillo	724	634
Guttenberg	2,416	2,177
Littleport	105	97
Luana	245	225
McGregor	938	990
Marquette	522	509
Milville	50	27
Monona	1,531	1,395
North Buena Vista	155	118
Osterdock	35	59
St. Olaf	138	140
Strawberry Point	1,460	1,281
Volga	311	305
CLINTON COUNTY	57,028	56,749
Andover	107	90
Calamus	452	396
Camanche	4,721	3,470
Charlotte	442	444
Clinton	32,779	34,719
Delmar	630	599
DeWitt	4,503	3,647
Goose Lake	272	218
Grand Mound	673	627
Lost Nation	525	547
Low Moor	346	347
Toronto	172	145
Welton	119	104
Wheatland	841	832
CRAWFORD COUNTY	18,897	19,116
Arion	207	199
Aspinwall	65	81
Buck Grove	88	41
Charter Oak	605	715
Deloit	345	279
Denison	6,668	6,213
Dow City	616	571
Kiron	317	275
Manilla	1,017	943
Ricketts	143	141
Schleswig	868	875
Vail	487	486
Westside	389	389
DALLAS COUNTY	29,580	26,085
Adel	2,848	2,419
Bouton	137	160
Dallas Center	1,361	1,128
Dawson	229	232
DeSoto	1,030	572
Dexter	672	652
Granger	619	661
Linden	265	278
Minburn	389	378
Perry	7,071	6,906
Redfield	958	921
Van Meter	748	464
Waukee	2,270	1,577
Woodward	1,211	1,010
DAVIS COUNTY	9,131	8,207
Bloomfield	2,850	2,718
Drakesville	212	163
Floris	187	145
Pulaski	267	255
DECATUR COUNTY	9,786	9,737
Davis City	328	301
Decatur	199	198
Garden Grove	297	285
Grand River	188	211
Lamoni	2,699	2,540
Leon	2,093	2,142
LeRoy	31	43
Pleasanton	75	62
Van Wert	244	244
Welden	187	155
DELAWARE COUNTY	18,932	18,770
Colesburg	464	379
Delaware	170	153
Delhi	508	527
Dundee	164	166

	1980	1970
DELAWARE COUNTY (cont.)		
Earlville	850	751
Edgewood	526	481
Greeley	313	323
Hopkinton	772	800
Manchester	4,938	4,641
Masonville	150	147
Oneida	61	55
Ryan	388	343
DES MOINES COUNTY	46,099	46,982
Burlington	29,440	32,366
Danville	995	948
Mediapolis	1,677	1,242
Middletown	487	443
West Burlington	3,373	3,139
DICKINSON COUNTY	13,519	12,565
Arnolds Park	1,052	970
Lake Park	1,123	918
Milford	2,975	1,668
Okoboji	555	361
Orleans	545	396
Spirit Lake	3,990	3,014
Superior	182	139
Terril	419	397
Wahpeton	374	149
West Okoboji	327	210
DUBUQUE COUNTY	93,636	90,609
Asbury	2,005	410
Baltown	106	79
Bankston	40	28
Bernard	130	148
Cascade	1,878	1,744
Centralia	106	105
Dubuque	61,779	62,309
Durango	36	55
Dyersville	3,815	3,437
Epworth	1,381	1,132
Farley	1,287	1,096
Graf	57	70
Holy Cross	309	290
Luxemburg	271	185
New Vienna	429	392
Peosta	120	57
Rickardsville	206	193
Sageville	294	338
Sherrill	208	190
Worthington	432	365
Zwingle	119	96
EMMETT COUNTY	13,160	14,009
Armstrong	1,154	1,061
Estherville	7,340	8,108
Dolliver	125	330
Gruver	145	135
Ringsted	558	509
Wallingford	256	245
FAYETTE COUNTY	25,430	26,898
Arlington	495	481
Clermont	604	582
Donnan	10	18
Elgin	702	613
Fairbank	981	810
Fayette	1,498	1,947
Hawkeye	516	529
Maynard	558	503
Oelwin	7,551	7,735
Randalia	101	81
St. Lucas	186	194
Wadena	230	237
Waucoma	310	357
Westgate	262	204
West Union	2,771	2,624
FLOYD COUNTY	19,556	19,860
Charles City	8,769	9,268
Colwell	91	100
Floyd	408	380
Marble Rock	421	461
Nora Springs	1,565	1,337
Rockford	991	902
Rudd	461	429
FRANKLIN COUNTY	13,029	13,255
Ackley	1,899	1,794
Alexander	191	249
Coulter	264	262
Dows	771	777
Geneva	213	201
Hampton	4,618	4,376
Hansell	147	124
Latimer	441	393
Popejoy	112	147
Sheffield	1,223	1,070
FREMONT COUNTY	9,409	9,282
Farragut	603	521
Hamburg	1,600	1,649
Imogene	188	192
Randolph	223	214
Riverton	343	331
Sidney	1,305	1,061
Tabor	1,094	957
Thurman	221	230

	1980	1970
GREENE COUNTY	12,110	12,716
Churdan	541	598
Dana	110	118
Grand Junction	970	967
Jefferson	4,852	4,735
Paton	289	329
Rippey	305	270
Scranton	748	751
GRUNDY COUNTY	14,365	14,119
Beaman	218	222
Conrad	1,134	932
Dike	990	794
Grundy Center	2,879	2,712
Holland	279	258
Morrison	146	136
Reinbeck	1,809	1,711
Stout	190	196
Wellsburg	760	754
GUTHRIE COUNTY	11,978	12,243
Bagley	370	365
Bayard	636	628
Casey	472	561
Guthrie Center	1,713	1,834
Jamacia	274	271
Menlo	410	391
Panora	1,210	982
Stuart	1,649	1,354
Yale	300	301
HAMILTON COUNTY	17,834	18,383
Blairsburg	288	287
Ellsworth	468	443
Jewell Junction	1,145	1,152
Kamrar	222	243
Randall	171	179
Stanhope	492	482
Stratford	806	710
Webster City	8,571	8,488
Williams	414	456
HANCOCK COUNTY	13,834	13,506
Britt	2,187	2,069
Crystal Lake	313	276
Corwith	479	438
Garner	2,911	2,257
Goodell	219	218
Kanawha	768	822
Klemme	618	554
Woden	287	265
HARDIN COUNTY	21,847	22,248
Ackley	1,899	1,794
Alden	950	876
Buckeye	150	143
Eldora	3,152	3,223
Hubbard	853	846
Iowa Falls	6,168	6,454
New Providence	251	208
Owasa	65	69
Radcliffe	594	548
Steamboat Rock	384	394
Union	510	484
Whitten	169	194
HARRISON COUNTY	16,351	16,240
Dunlap	1,373	1,292
Little Sioux City	250	239
Logan	1,542	1,526
Magnolia	207	206
Missouri Valley	3,113	3,519
Modale	373	297
Modamin	425	420
Persia	355	316
Pisgah	305	286
Woodbine	1,462	1,349
HENRY COUNTY	18,859	18,114
Cappock	32	58
Hillsboro	208	252
Lime Springs	476	497
Mount Pleasant	7,311	7,007
Mount Union	145	173
New London	2,046	1,900
Olds	226	206
Rome	110	135
Salem	463	458
Wayland	720	702
Winfield	1,025	897
HOWARD COUNTY	11,097	11,442
Chester	175	185
Cresco	3,862	3,927
Elma	715	601
Protivin	362	333
Riceville	915	877
HUMBOLDT COUNTY	12,224	12,519
Bode	407	372
Bradgate	153	130
Dakota City	1,068	746
Gilmore City	361	166
Hardy	72	73
Humboldt	4,796	4,665
Livermore	483	510

	1980	1970
HUMBOLDT COUNTY (cont.)		
LuVerne	417	380
Ottosen	95	93
Pioneer	42	56
Renwick	409	429
Rutland	158	215
Thor	200	212
IDA COUNTY	8,877	9,283
Arthur	289	273
Battle Creek	911	837
Galva	418	412
Holstein	1,469	1,445
Ida Grove	2,284	2,261
IOWA COUNTY	15,413	15,419
Ladora	289	321
Marengo	2,310	2,235
Millersburg	185	187
North English	985	965
Parnell	232	175
Victor	1,044	949
Williamsburg	2,030	1,544
JACKSON COUNTY	22,486	20,839
Andrew	349	335
Baldwin	198	172
Bellevue	2,461	2,336
Green Island	103	112
LaMotte	322	326
Maquoketa	6,266	5,677
Miles	397	409
Monmouth	209	257
Preston	1,118	950
Sabula	825	845
St. Donatus	201	164
Spragueville	149	112
Springbrook	210	196
JASPER COUNTY	36,417	35,425
Baxter	955	788
Colfax	2,210	2,293
Hurstville	57	88
Kellogg	655	607
Lambs Grove	228	239
Lynville	406	381
Mingo	303	260
Monroe	1,8[illegible]	1,389
Newton	15,[illegible]6	15,619
Oakland Acres	139	106
Prairie	1,272	1,141
Reasnor	277	284
Sully	830	685
Valeria	83	96
JEFFERSON COUNTY	16,343	15,774
Batavia	524	525
Cappock	32	58
Fairfield	9,474	8,715
Libertyville	281	329
Lockridge	271	232
Packwood	210	157
Pleasant Plain	143	121
JOHNSON COUNTY	81,549	72,127
Coralville	7,698	6,130
Hills	547	507
Iowa City	50,489	46,850
Lone Tree	1,020	834
North Liberty	2,053	1,055
Oxford	673	666
Shueville	287	154
Solon	891	837
Swisher	652	417
Tiffin	412	299
University Heights	1,068	1,265
JONES COUNTY	20,386	19,868
Anamosa	4,949	4,389
Cascade	1,878	1,744
Center Junction	182	172
Martelle	317	341
Monticello	3,644	3,669
Morley	94	123
Onslow	218	253
Oxford Junction	601	666
Wyoming	700	746
KEOKUK COUNTY	12,916	13,943
Delta	481	475
Gibson	85	80
Hanesville	91	93
Harper	138	173
Hedrick	852	790
Keota	1,032	1,112
Keswick	295	257
Kinross	79	98
Martinsburg	174	140
North English	985	965
Ollie	232	268
Richland	600	595
Sigourney	2,322	2,319
South English	206	218
Thornburg	103	98
What Cheer	804	868
Webster	123	130

	1980	1970
KOSSUTH COUNTY	21,867	22,937
Algona	6,289	6,032
Bancroft	1,072	1,103
Burt	690	608
Fenton	395	403
Lakota	333	385
Ledyard	215	240
Lone Rock	169	166
Swea City	811	774
Titonka	607	599
Wesley	598	548
Whittemore	647	658
LEE COUNTY	43,045	42,996
Donnellson	967	798
Fort Madison	13,496	13,996
Franklin	142	111
Houghton	126	119
Keokuk	13,512	14,631
Montrose	1,038	735
St. Paul	141	129
West Point	1,130	1,045
LINN COUNTY	169,720	163,213
Alburnett	410	418
Bertram	216	177
Cedar Rapids	110,124	110,642
Central City	1,058	1,116
Center Point	1,586	1,456
Coggon	642	656
Ely	424	275
Fairfax	688	635
Hiawatha	4,809	2,416
Lisbon	1,512	1,329
Marion	19,508	18,028
Mt. Vernon	3,321	3,018
Palo	528	430
Prairieburg	197	182
Robins	716	663
Springville	1,158	970
Walford	285	286
Walker	734	622
LOUISA COUNTY	12,023	10,682
Columbus City	366	312
Columbus Junction	1,428	1,205
Cotter	60	55
Fredonia	224	168
Grandview	473	357
Letts	474	434
Morning Sun	956	906
Oakville	470	369
Wapello	2,005	1,873
LUCAS COUNTY	10,326	10,163
Charlton	5,002	5,009
Derby	168	161
Lucas	292	247
Russell	596	591
Williamson	210	216
LYON COUNTY	12,841	13,340
Alvord	246	204
Doon	540	437
George	1,240	1,194
Inwood	753	644
Larchwood	698	611
Lester	273	238
Little Rock	490	531
Rock Rapids	2,687	2,632
MADISON COUNTY	12,611	11,558
Bevington	60	54
Earlham	1,145	1,069
East Peru	126	184
Macksburg	132	142
Patterson	142	120
St. Charles	508	443
Truro	403	359
Winterset	4,019	3,654
MAHASKA COUNTY	22,840	22,177
Barnes City	265	238
Beacon	529	338
Eddyville	1,120	945
Fremont	729	480
Keomah	97	58
Leighton	137	140
New Sharon	1,219	944
Oskaloosa	10,971	11,224
Rose Hill	214	192
University Park	645	534
MARION COUNTY	29,478	26,352
Bussey	579	498
Dallas	451	438
Hamilton	152	186
Harvey	275	217
Knoxville	8,086	7,755
Marysville	84	91
Melcher	957	913
Pella	8,246	6,668
Pleasantville	1,521	1,297
Swan	97	56

	1980	1970
MARSHALL COUNTY	41,564	41,076
Albion	731	772
Clemons	176	178
Ferguson	173	203
Gilman	640	513
Haverhill	173	160
Laurel	275	245
LeGrand	928	565
Liscomb	295	328
Marshalltown	26,852	26,219
Melbourne	731	661
Rhodes	352	347
St. Anthony	140	156
State Center	1,307	1,232
MILLS COUNTY	13,381	11,832
Emerson	502	484
Glenwood	5,271	4,421
Hastings	217	229
Henderson	237	211
Malvern	1,241	1,158
Pacific Junction	510	505
Silver City	291	272
MITCHELL COUNTY	12,285	13,108
Carpenter	109	122
McIntire	196	234
Mitchell	193	233
Orchard	93	115
Osage	3,707	3,815
Riceville	915	877
St. Ansgar	1,087	994
Stacyville	541	598
MONONA COUNTY	11,658	12,069
Blencoe	240	255
Castana	228	211
Mapleton	1,488	1,647
Moorhead	265	271
Onawa	3,267	3,154
Rodney	82	66
Soldier	258	242
Turnin	103	115
Ute	481	512
Whiting	731	590
MONROE COUNTY	9,194	9,357
Albia	4,175	4,151
Eddyville	1,120	945
Lovilia	638	640
Melrose	216	192
MONTGOMERY COUNTY	13,412	12,781
Coburg	47	36
Grant	136	152
Elliott	494	423
Red Oak	6,803	6,210
Stanton	747	574
Villisca	1,435	1,402
MUSCATINE COUNTY	40,318	37,181
Atalissa	360	244
Conesville	298	295
Durant	1,583	1,472
Fruitland	577	451
Muscatine	23,395	22,405
Nichols	375	396
Stockton	240	222
Walcott	1,420	989
Wilton	2,497	1,873
West Liberty	2,721	2,296
O'BRIEN COUNTY	16,983	17,522
Archer	134	134
Calumet	212	219
Hartley	1,707	1,694
Moneta	43	41
Paulina	1,229	1,257
Primghar	1,056	995
Sandborn	1,404	1,465
Sheldon	5,007	4,535
Sutherland	898	875
OSCEOLA COUNTY	8,307	8,555
Ashton	443	483
Harris	232	195
Melvin	271	325
Ocheyedon	598	545
Sibley	3,037	2,749
PAGE COUNTY	19,064	18,537
Blanchard	101	139
Braddyville	199	207
Clarinda	5,452	5,420
Coin	316	294
Essex	1,000	770
Hapburn	42	38
Northboro	114	115
Shambaugh	196	178
Shenandoah	6,284	5,968
Yorktown	123	105

	1980	1970
PALO ALTO COUNTY	12,664	13,289
Ayrshire	243	243
Curlew	85	95
Cylinder	114	133
Emmetsburg	4,616	4,150
Grattinger	917	907
Mallard	462	384
Rodman	86	104
Ruthven	766	708
West Bend	913	865
PLYMOUTH COUNTY	24,718	24,322
Brunsville	140	125
Craig	105	98
Hinton	657	488
Kingsley	1,208	1,097
LeMars	8,268	8,159
Oyens	146	145
Remsen	1,595	1,367
Struble	70	59
Westfield	197	148
POCAHONTAS COUNTY	11,343	12,793
Fonda	851	980
Gilmore	256	766
Havelock	279	248
Laurens	1,599	1,792
Palmer	288	264
Plover	135	129
Pocahontas	2,353	2,338
Rolfe	766	
Varina	122	140
POLK COUNTY	301,879	286,130
Alleman	310	183
Altoona	5,769	4,151
Ankeny	15,410	9,151
Bondurant	1,279	547
Clive	6,120	3,005
Des Moines	190,910	201,404
Elkhart	256	269
Grimes	1,985	834
Johnston	2,545	222
Mitchellville	1,532	1,341
Pleasant Hill	3,489	1,535
Polk City	1,538	715
Runnells	238	354
Sheldahl	131	285
Urbandale	17,854	14,434
West Des Moines	21,892	16,441
Windsor Heights	4,577	6,303
POTTAWATTAMIE COUNTY	86,167	86,991
Avoca	1,656	1,535
Carson	718	756
Carter Lake	3,420	3,268
Crescent	545	284
Council Bluffs	56,269	60,348
Hancock	253	228
McClelland	178	146
Macedonia	278	330
Minden	419	433
Neola	834	968
Oakland	1,551	1,603
Treynor	823	472
Underwood	448	424
Walnut	895	870
POWESHIEK COUNTY	19,288	18,803
Barnes City	265	238
Brooklyn	1,507	1,410
Deep River	323	323
Grinnell	8,864	8,402
Guernsey	83	94
Malcom	412	388
Montezuma	1,486	1,353
Searsboro	134	140
Victor	1,044	949
RINGGOLD COUNTY	6,106	6,373
Beaconsfield	39	48
Benton	33	46
Clearfield	437	430
Delphos	43	35
Diagonal	362	327
Ellston	60	76
Kellerton	278	299
Maloy	38	45
Redding	91	111
Shannon City	99	100
Tingley	210	244
SAC COUNTY	14,165	15,573
Auburn	319	329
Early	678	727
Lake View	1,288	1,249
Lytton	333	324
Nemaha	120	117
Odebolt	1,298	1,323
Sac City	2,993	3,268
Schaller	845	835
Wall Lake	894	936
SCOTT COUNTY	159,681	142,687
Bettendorf	27,377	22,126
Blue Grass	1,379	1,032
Buffalo City	1,323	1,118
Davenport	103,036	98,469
Dixon	312	276
Donahue	298	216
Durant	1,583	1,472
Eldridge	3,278	1,535
LeClaire	2,882	2,520
Long Grove	595	269
McCausland	381	226
Maysville	148	170
New Liberty	136	141
Panorama Park	144	219
Park View	2,136	N/A
Plain View	45	23
Princeton	963	633
Riverdale	461	684
Walcott	1,420	989
SHELBY COUNTY	15,026	15,528
Defiance	383	392
Earling	519	573
Elk Horn	740	667
Harlan	5,357	5,049
Irwin	428	446
Kirkman	95	72
Portsmouth	242	239
Shelby	665	537
Tennant	77	93
Westphalia	170	121
SIOUX COUNTY	30,740	27,996
Alton	983	1,018
Boyden	706	670
Chatworth	110	90
Granville	335	383
Hawarden	2,719	2,789
Hospers	659	646
Hull	1,730	1,523
Ireton	588	582
Matlock	109	89
Maurice	286	266
Orange City	4,557	3,572
Rock Valley	2,698	2,205
Sheldon	5,007	4,535
Sioux Center	4,603	3,450
STORY COUNTY	72,324	62,783
Ames	45,820	39,505
Cambridge	734	661
Collins	460	404
Colo	810	806
Gilbert	807	521
Huxley	1,886	937
Kelly	239	235
McCallsburg	304	307
Maxwell	784	758
Nevada	5,912	4,952
Roland	1,004	803
Slater	1,132	1,094
Story City	2,761	2,104
Zearing	627	535
TAMA COUNTY	19,541	20,147
Chelsea	375	381
Clutier	249	275
Dysart	1,358	1,251
Elberon	195	203
Garwin	626	563
Gladbrook	970	961
Lincoln	202	184
Montour	387	334
Tama	2,974	3,000
Toledo	2,440	2,361
Traer	1,700	1,682
Vining	96	71
TAYLOR COUNTY	8,370	8,790
Athelstan	45	65
Bedford	1,702	1,733
Blockton	280	273
Clearfield	437	430
Conway	93	91
Gravity	245	286
Lenox	1,338	1,215
New Market	549	501
Sharpsburg	114	106
UNION COUNTY	13,882	13,557
Afton	986	823
Arispe	89	93
Creston	8,445	8,234
Cromwell	159	168
Kent	70	86
Lorimer	401	346
Shannon City	85	100
Thayer	87	100
VAN BUREN COUNTY	8,624	8,643
Bonaparte	493	517
Cantril	299	258
Farmington	867	800
Keosauqua	966	1,018
Milton	570	567
Mt. Sterling	96	87
Stockport	274	334
WAPELLO COUNTY	40,244	42,149
Agency	657	610
Blakesburg	404	403
Chillicothe	131	126
Eddyville	1,120	945
Eldon	1,268	1,319
Kirkville	220	222
Ottumwa	27,354	29,610
WARREN COUNTY	34,857	27,432
Ackworth	83	111
Bevington	60	54
Carlisle	3,084	2,246
Cumming	149	189
Hartford	760	582
Indianola	10,822	8,852
Lacona	376	424
Martensdale	433	306
Milo	777	561
New Virginia	512	452
Norwalk	2,674	1,745
St. Marys	111	105
Sandyville	86	89
Spring Hill	95	131
WASHINGTON COUNTY	20,187	18,967
Ainsworth	546	455
Brighton	806	632
Cappock	15	50
Crawfordsville	290	288
Kalona	1,860	1,488
Riverside	825	758
Washington	6,554	6,317
Wellman	1,124	977
West Chester	191	199
WAYNE COUNTY	8,179	8,405
Allerton	666	643
Clio	107	113
Corydon	1,813	1,745
Humeston	670	673
Millerton	72	82
Promise City	149	148
Seymour	1,028	931
WEBSTER COUNTY	45,813	48,391
Badger	653	465
Barnum	198	147
Callendar	446	421
Clare	229	249
Dayton	941	909
Duncombe	503	418
Fort Dodge	29,280	31,263
Gowrie	1,084	1,225
Harcourt	347	305
Lehigh	657	739
Moorland	256	269
Otho	695	581
Vincent	207	204
WINNEBAGO COUNTY	13,019	12,990
Buffalo Center	1,232	1,118
Forest City	4,269	3,841
Lake Mills	2,277	2,124
Leland	273	223
Rake	283	324
Scarville	82	81
Thompson	672	600
WINNESHIEK COUNTY	21,842	21,758
Calmar	1,051	1,008
Castalia	188	210
Decorah	7,987	7,237
Ft. Atkinson	372	339
Jackson Junction	93	106
Ossian	826	847
Ridgeway	309	218
Spillville	415	361
WOODBURY COUNTY	100,205	103,052
Anthon	681	711
Bronson	286	193
Correctionville	927	870
Cushing	270	204
Danbury	488	527
Hornick	240	250
Lawton	448	406
Moville	1,274	1,198
Oto	172	203
Pierson	408	421
Salix	429	387
Sergeant Buff	2,410	1,164
Sioux City	81,434	85,925
Sloan	976	799
Smithland	284	293
WORTH COUNTY	9,019	8,984
Fertile	375	394
Grafton	259	254
Hanlontown	214	182
Joice	223	201
Kensett	361	361
Manly	1,485	1,294
Northwood	2,150	1,950
WRIGHT COUNTY	16,188	17,294
Belmond	2,504	2,358
Clarion	2,966	2,972
Eagle Grove	4,312	4,489
Galt	62	50
Goldfield	786	722
Rowan	258	231

[1]Includes only incorporated towns. Towns and cities that are located in two counties may be listed twice.
Source: 1980 Census figures, Preliminary Counts.